

FIG. 1

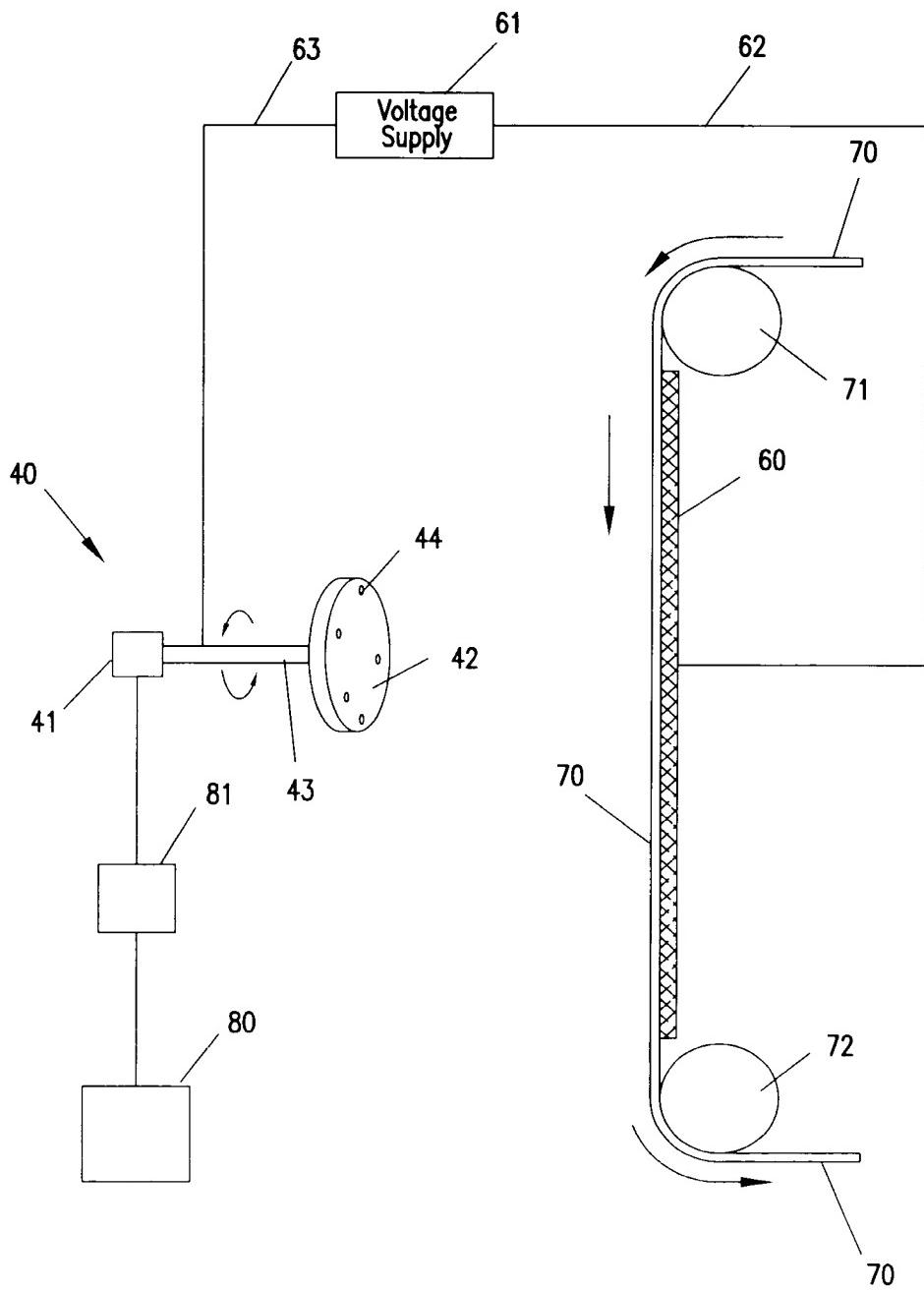


FIG. 2

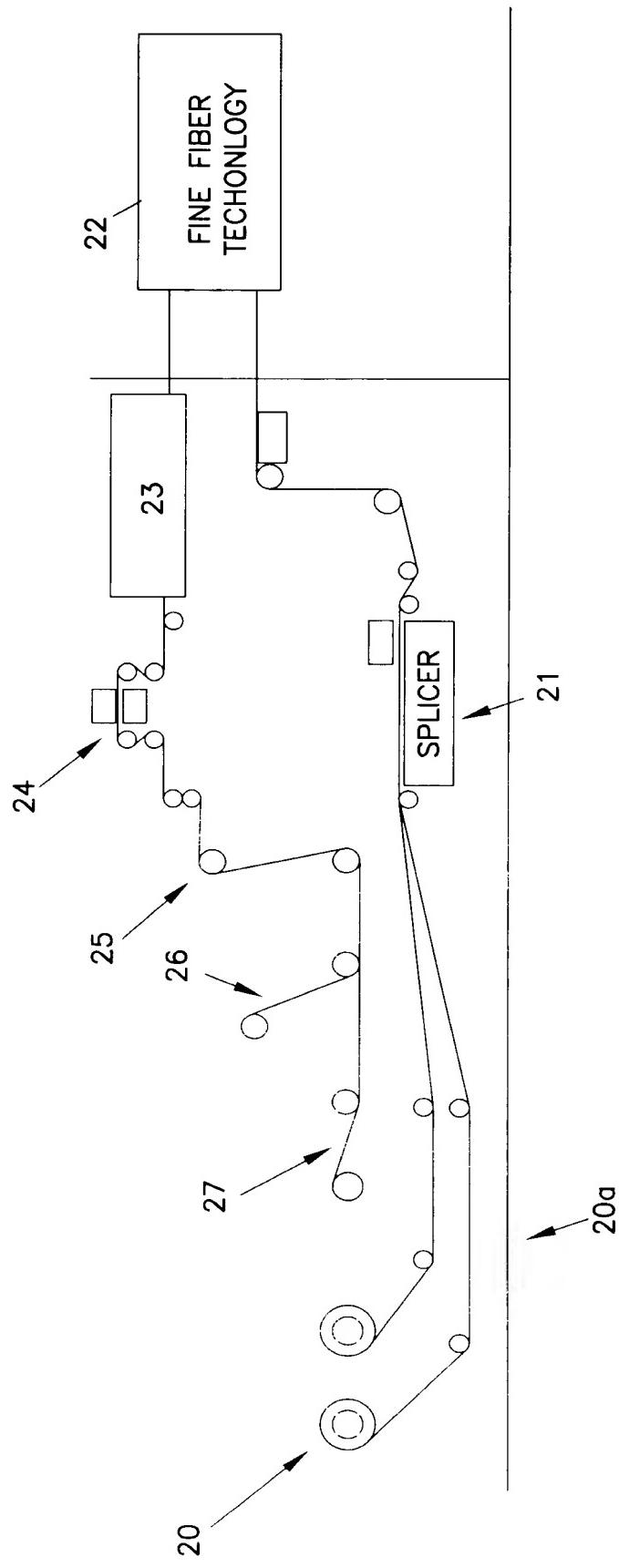
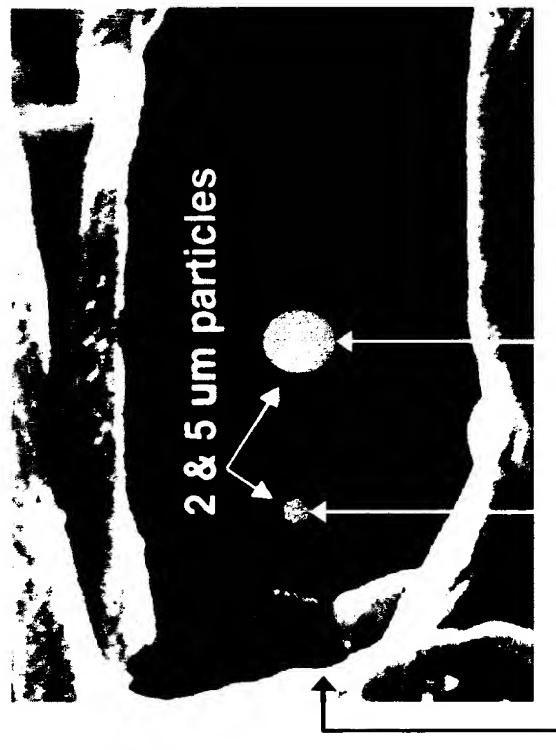


FIG. 3A

Cellulose Media



33

32

31

32

33

2,000 X Scanning Electron Microscope Images

FIG. 3B

Ultra-Web



FIG.4 ESCA 01s SPECTRA FOR SAMPLE 6A AS SPAN

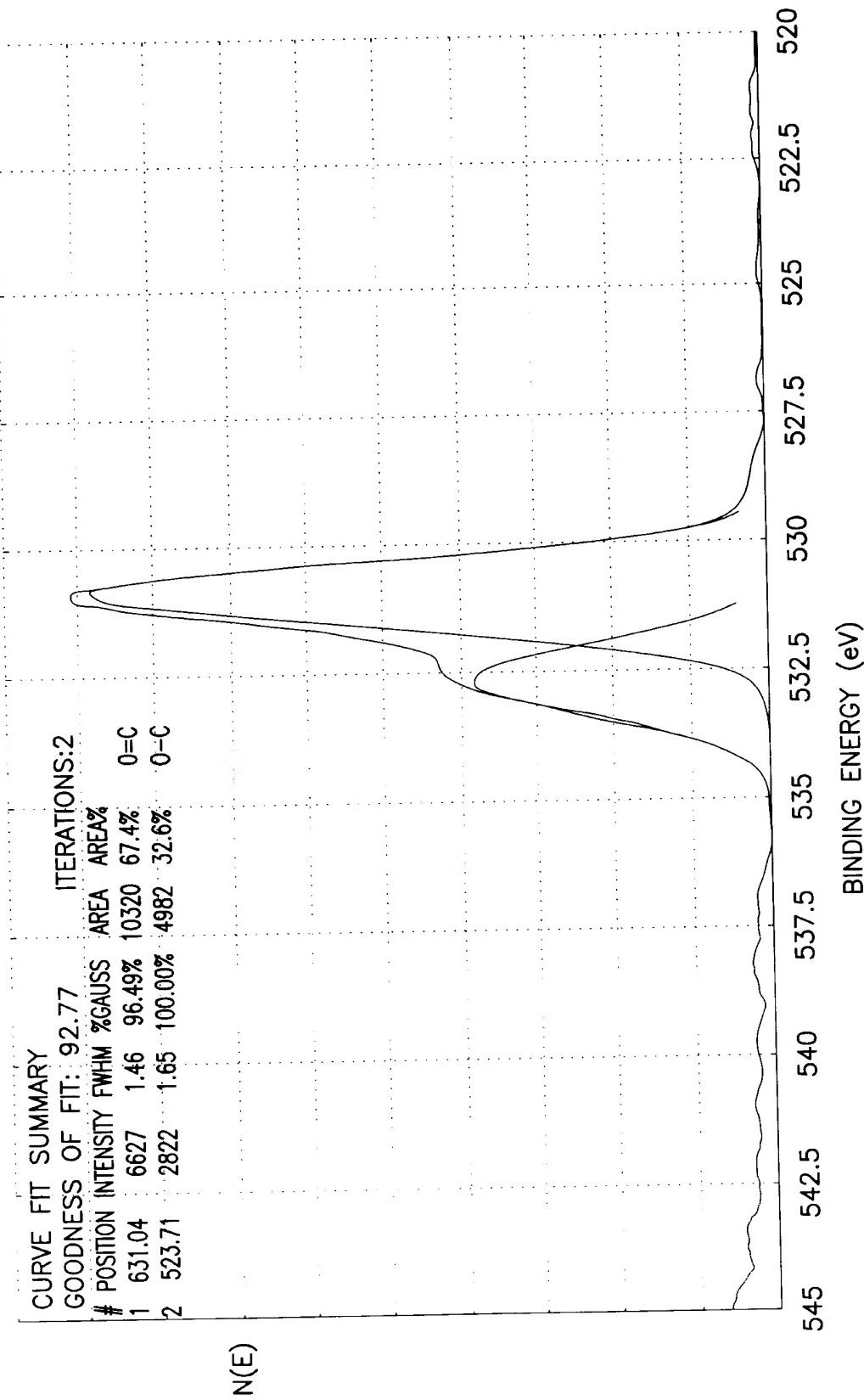


FIG.5

ESCA 01s SPECTRA FOR HEAT-TREATED SAMPLE 6A

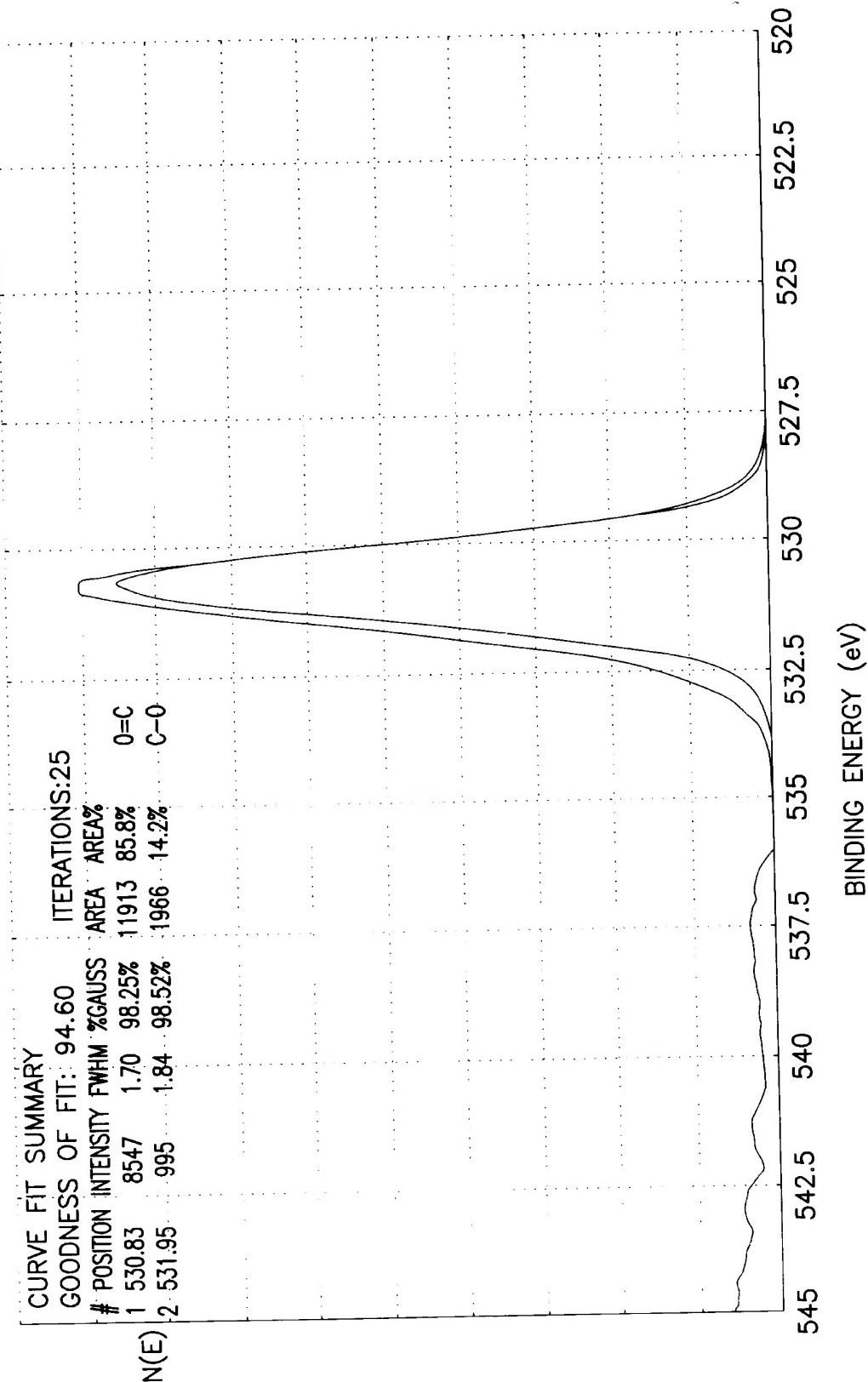


FIG. 6 ESCA 01s SPECTRA FOR AS-SPAN EXAMPLE 6B

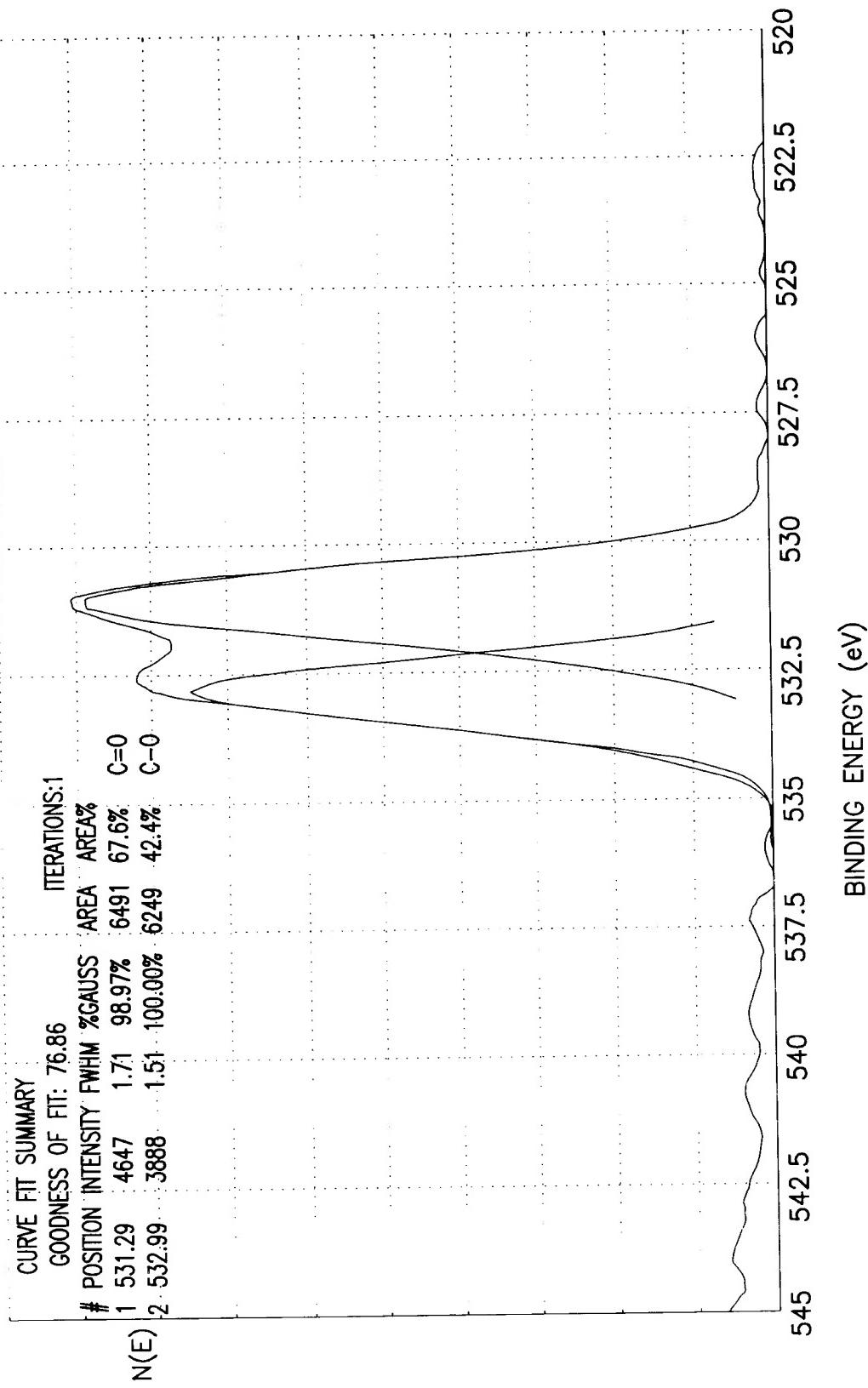


FIG. 7 ESCA 01s SPECTRA FOR HEAT-TREATED EXAMPLE 6B

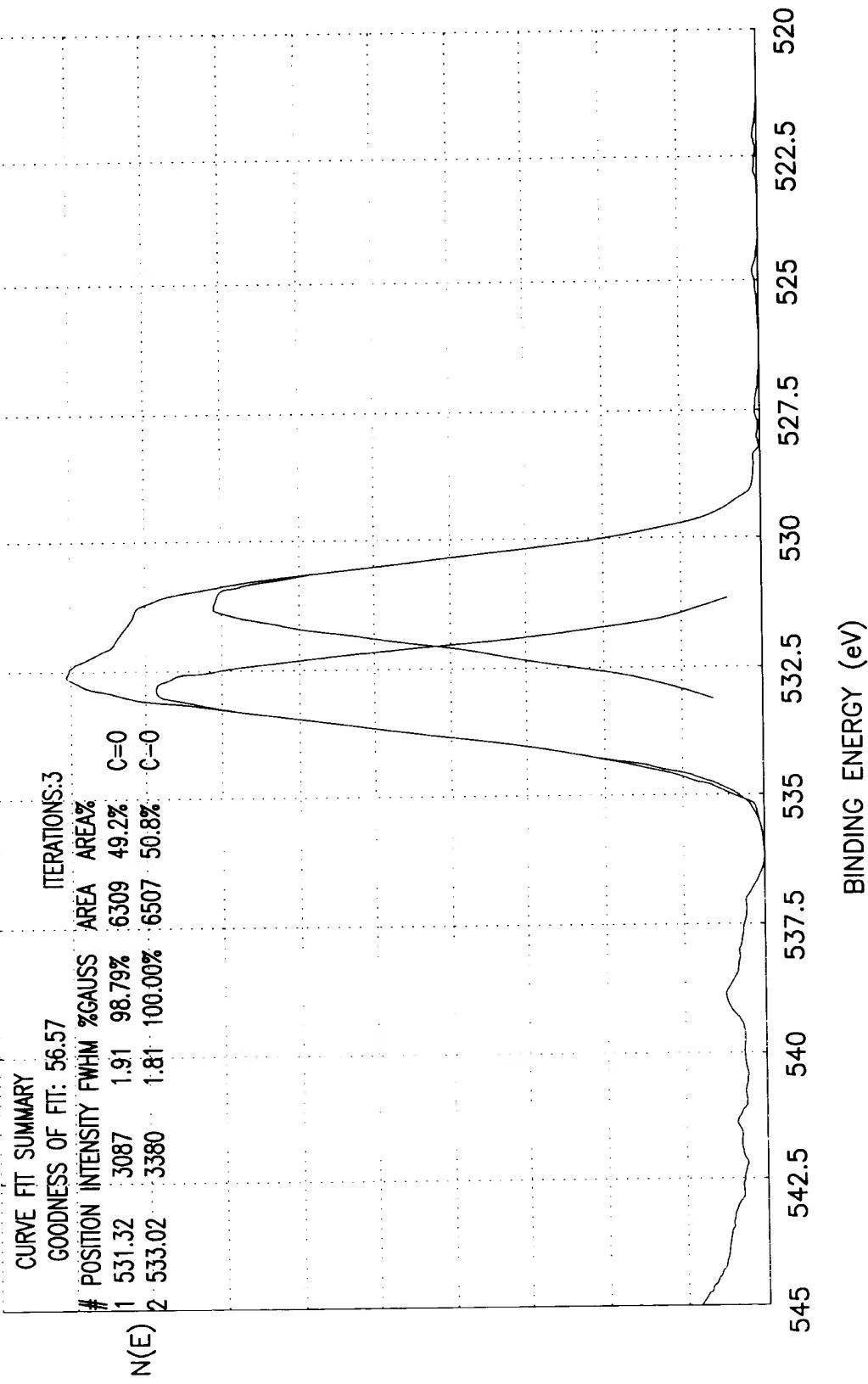


FIG.8 ESCA 01s MULTIPLEX FOR AS-SPUN SAMPLE 6A

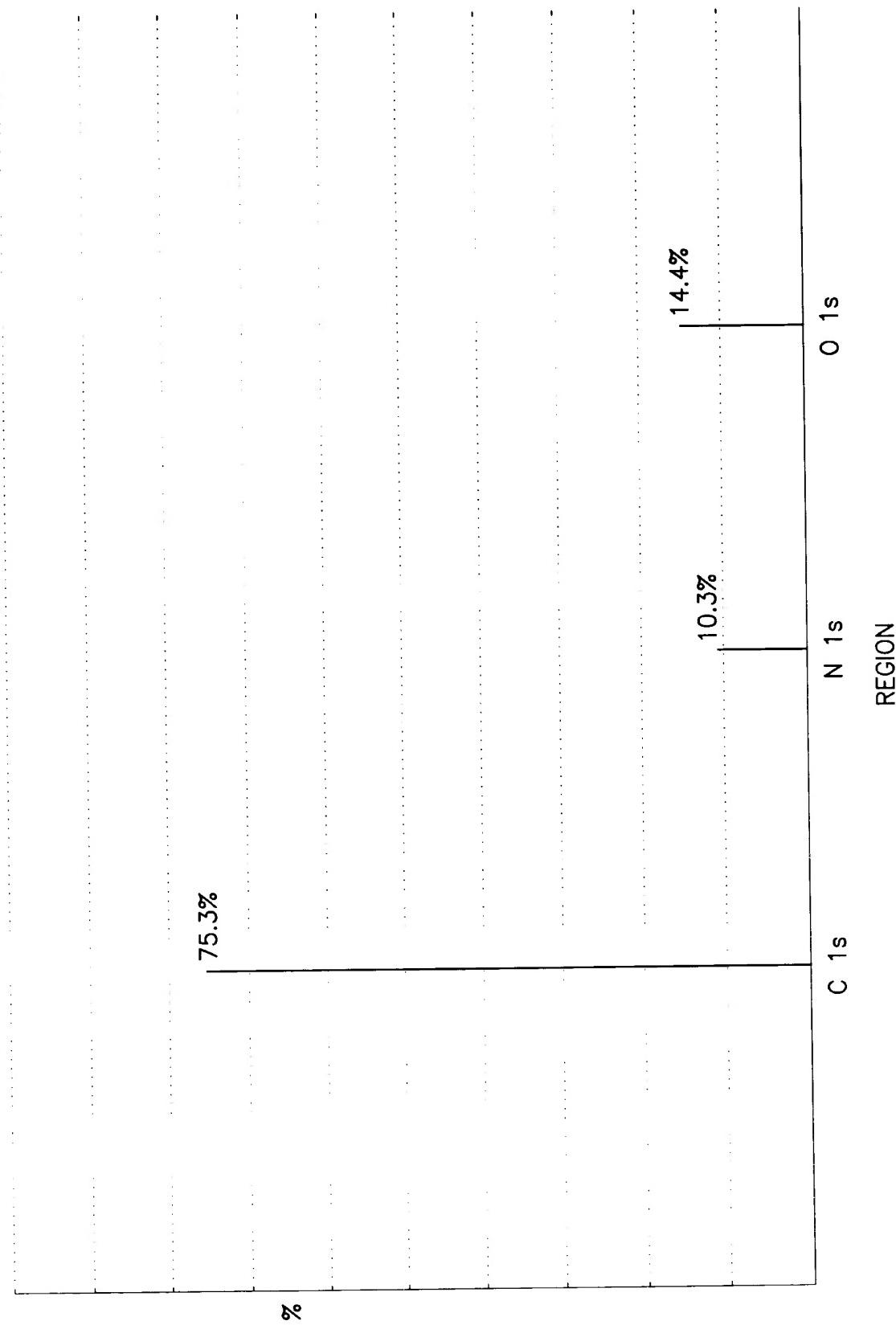
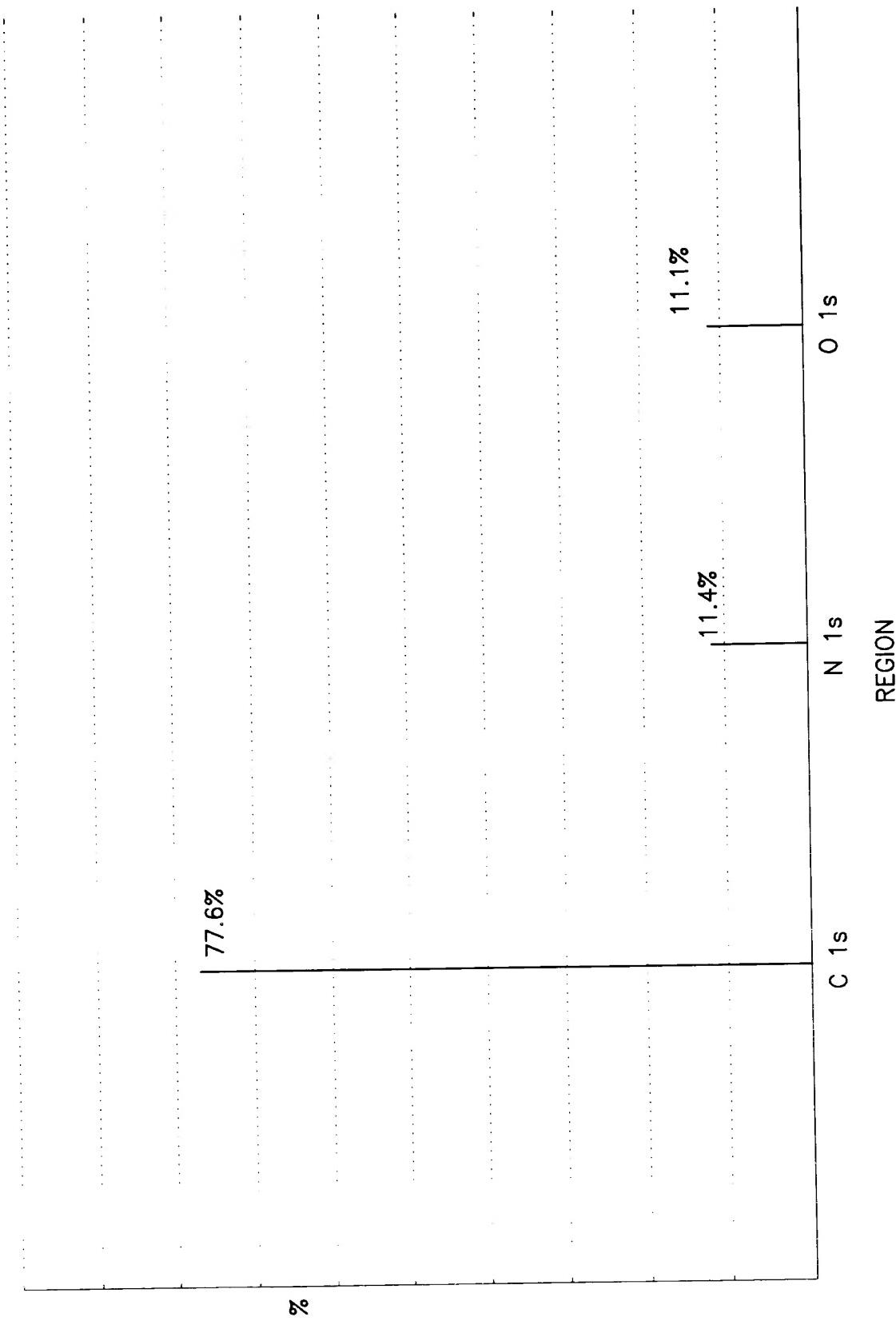


FIG.8

Inventor: R. R. RIS et al.  
Docket No.: 68.1217US01  
Title: FOLDING ARRANGEMENT UTILIZING PLEATED CONSTRUCTION  
METHOD  
Serial No.: 06/091,582  
Sheet 9 of 33

FIG.9  
ESCA 01s MULTIPLEX FOR HEAT TREATED SAMPLE 6A



ESCA 01s MULTIPLEX FOR AS-SPIN SAMPLE 6B

FIG.10

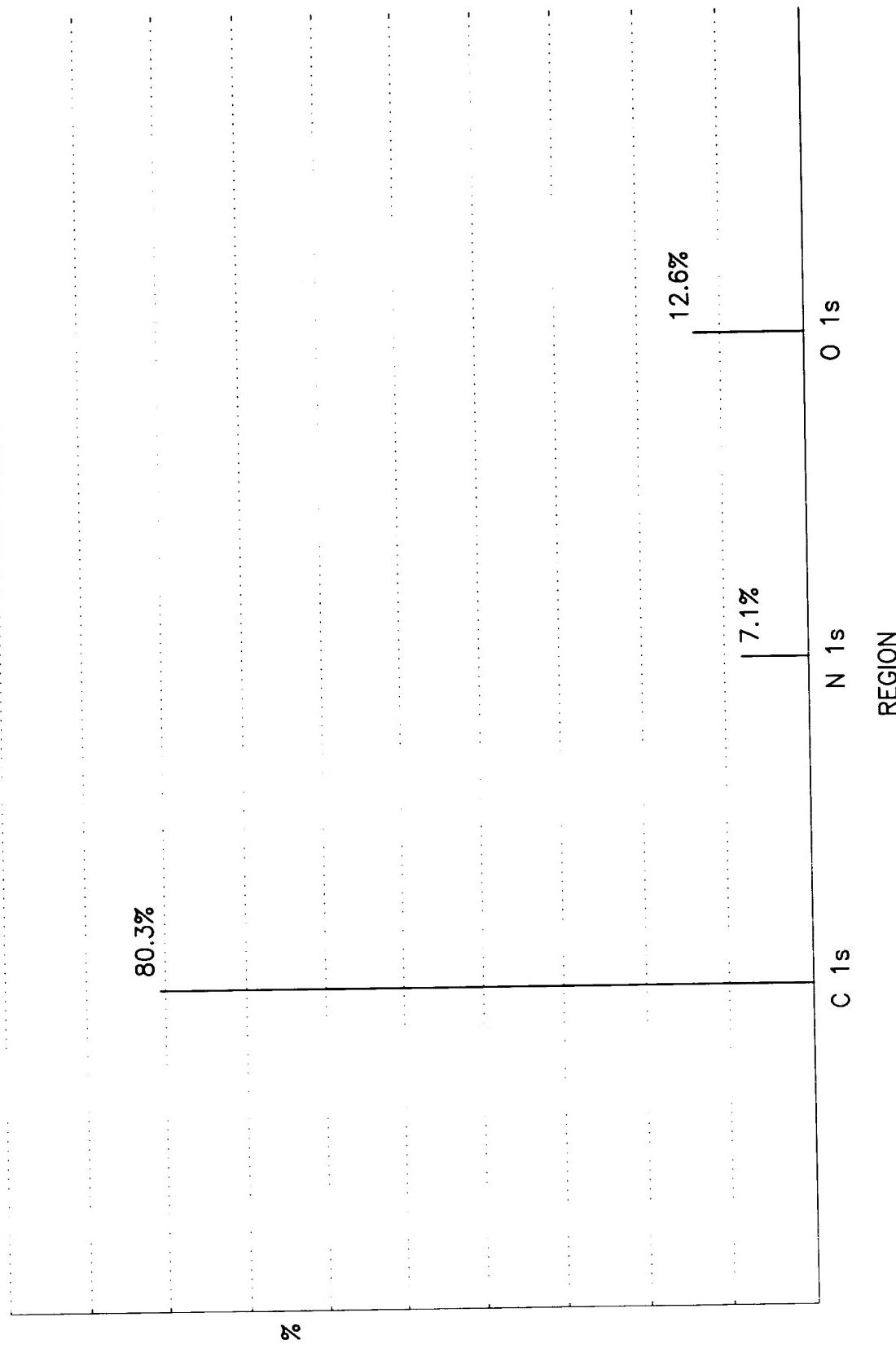


FIG. 11  
ESCA 01s MULTIPLEX FOR HEAT-TREATED SAMPLE 6B

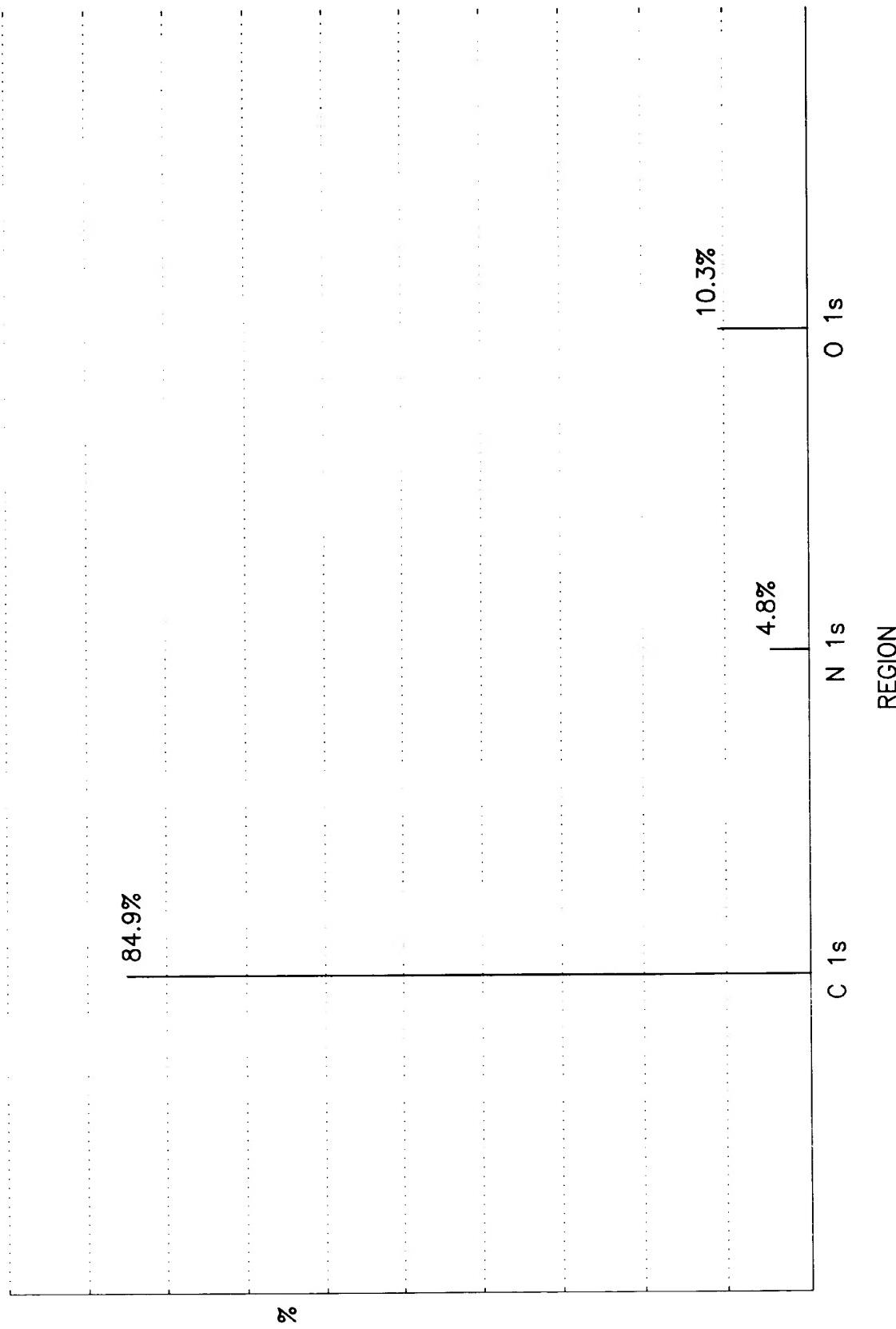


FIG.12

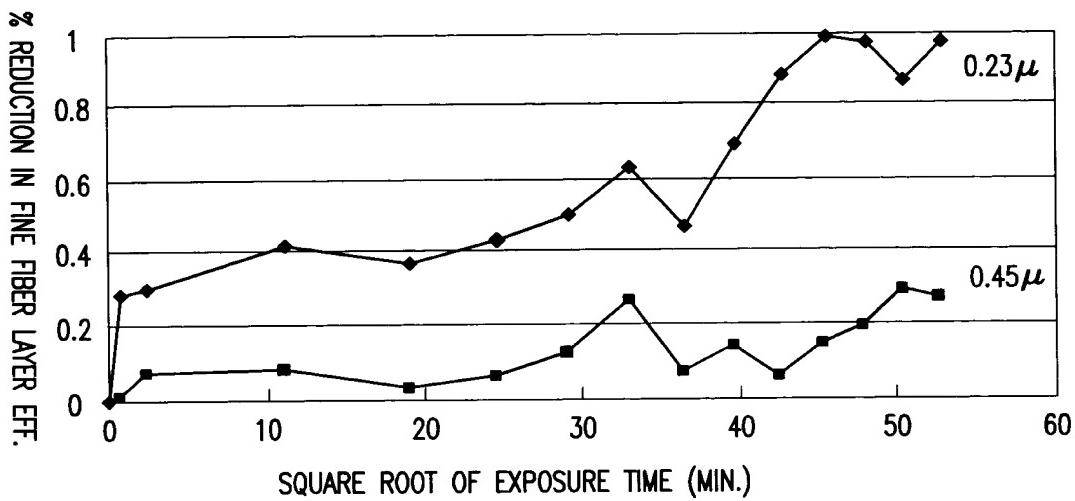


FIG.13

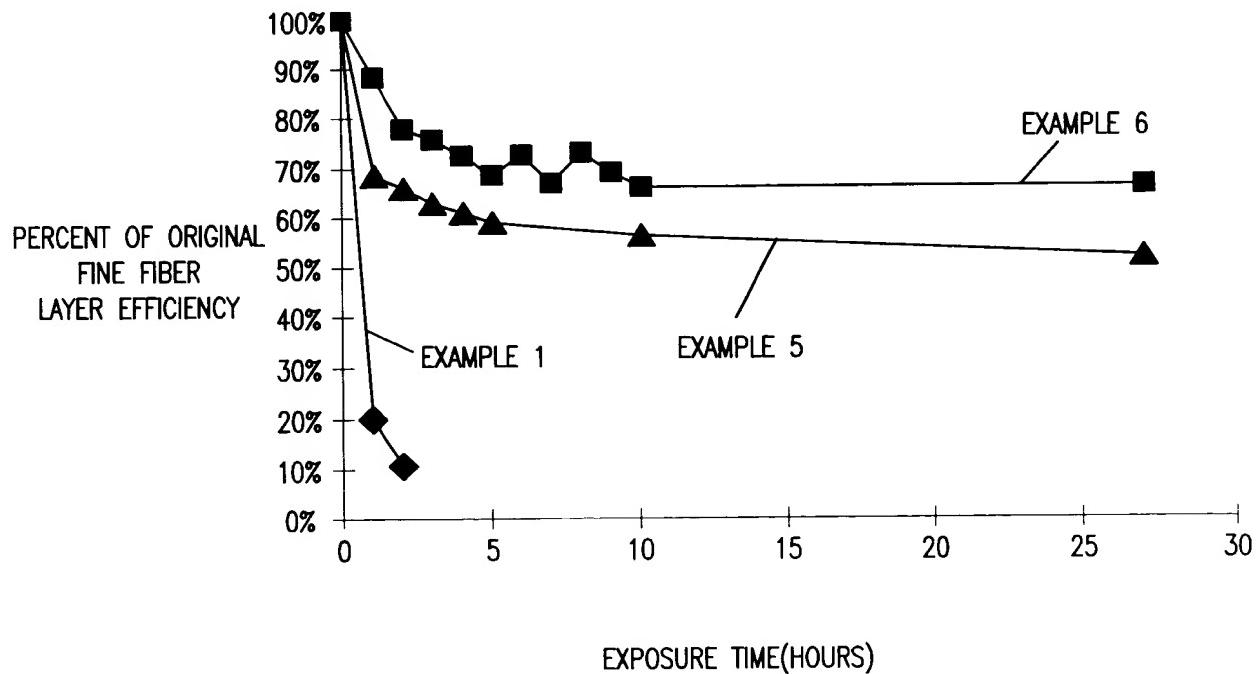


FIG. 14

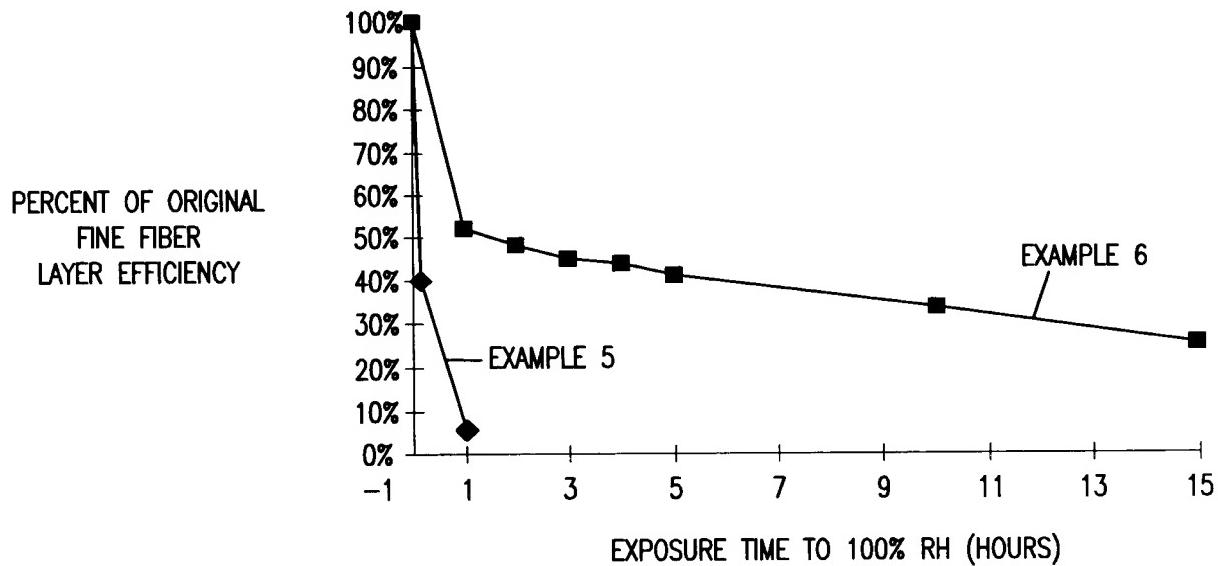


FIG. 15

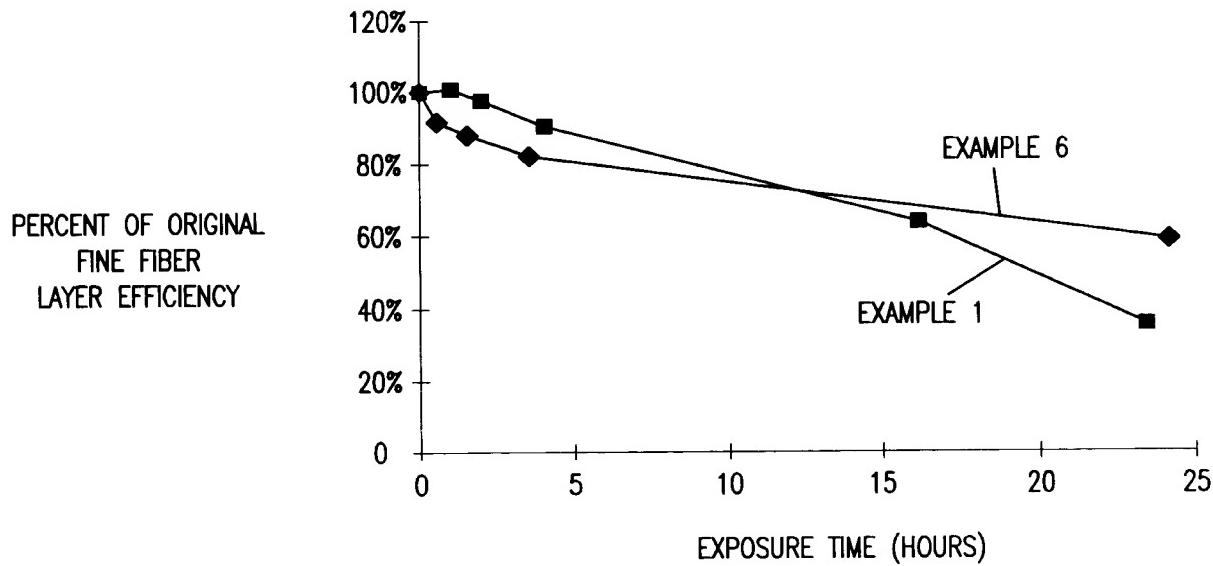


FIG. 16

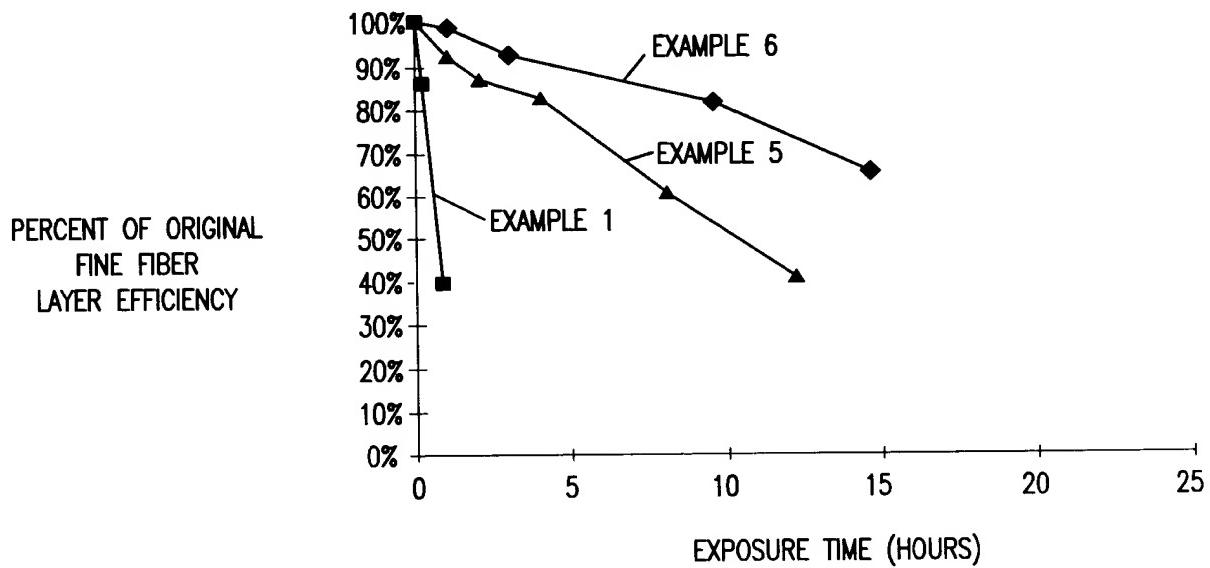


FIG.17 1st MELT DCS 100% MODIFIED NYLON 66

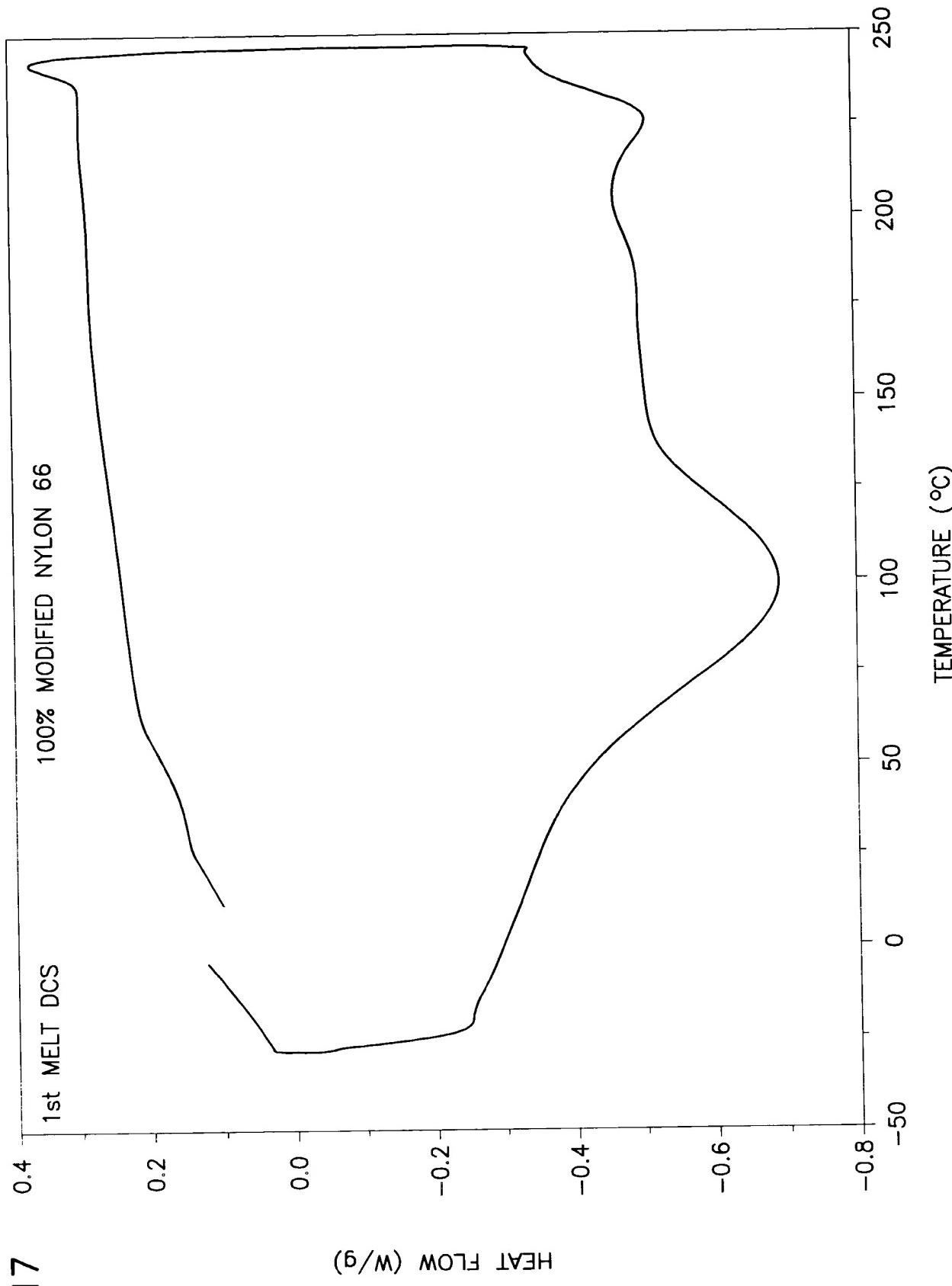


FIG. 18

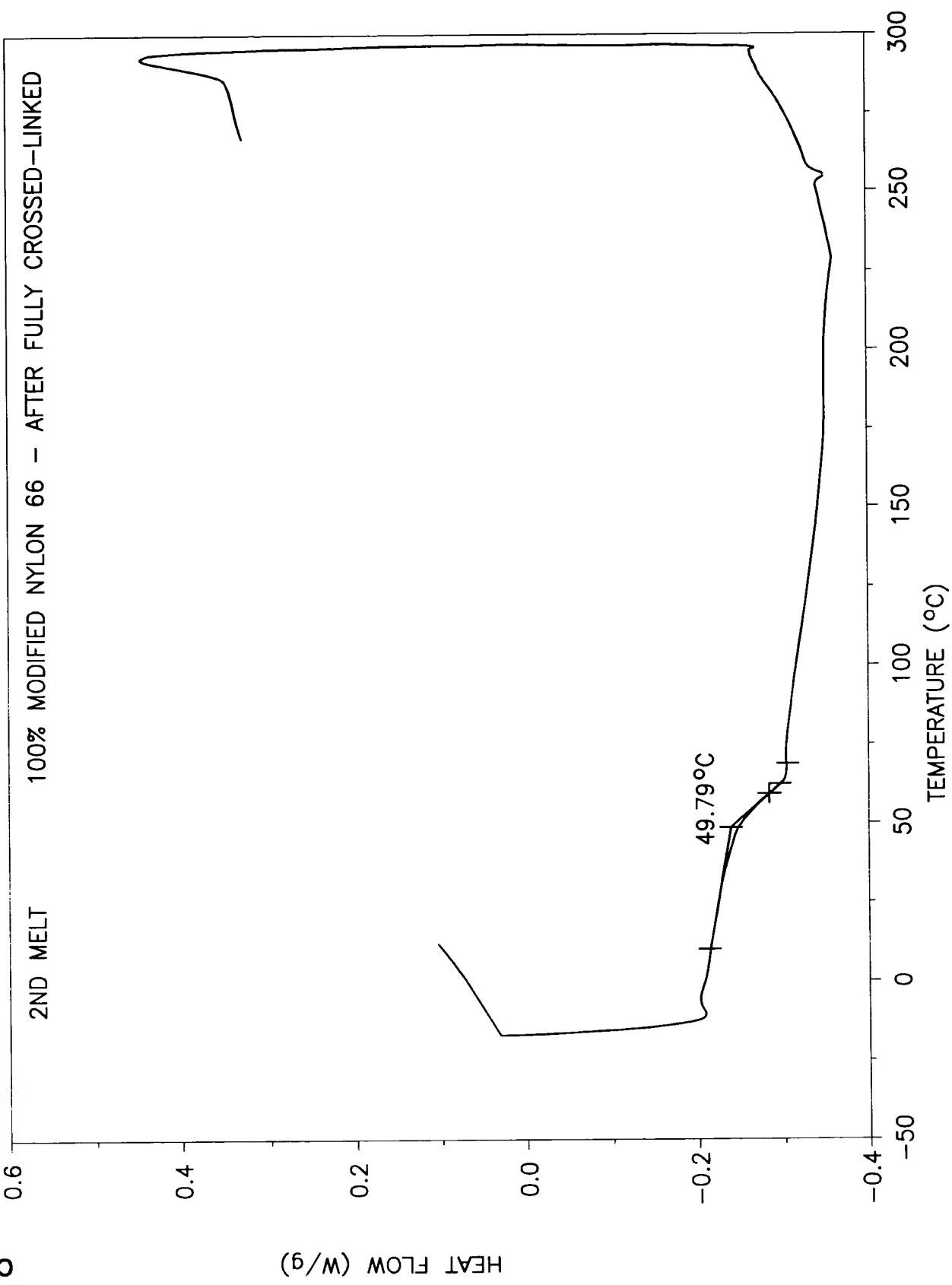


FIG. 19

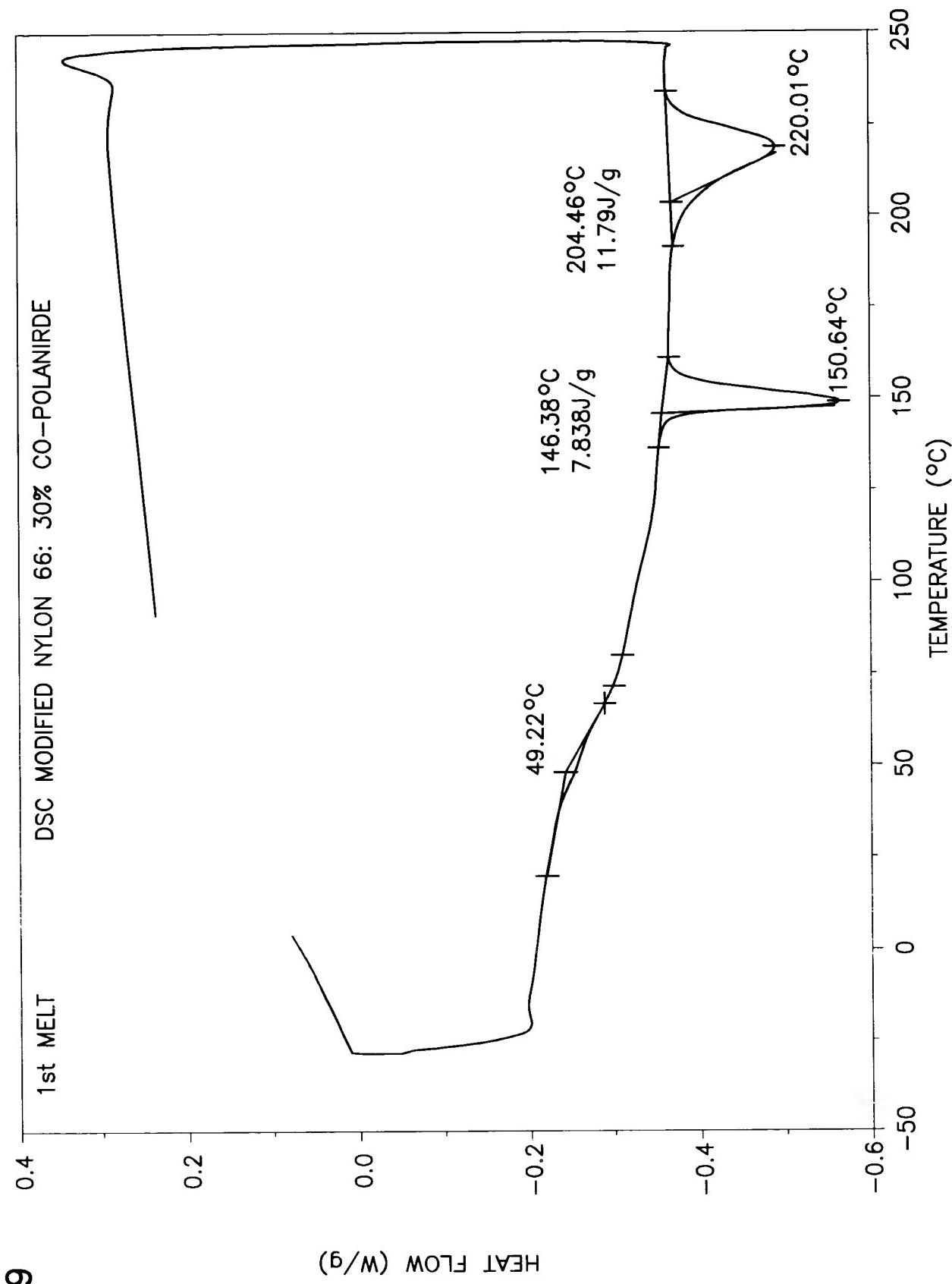
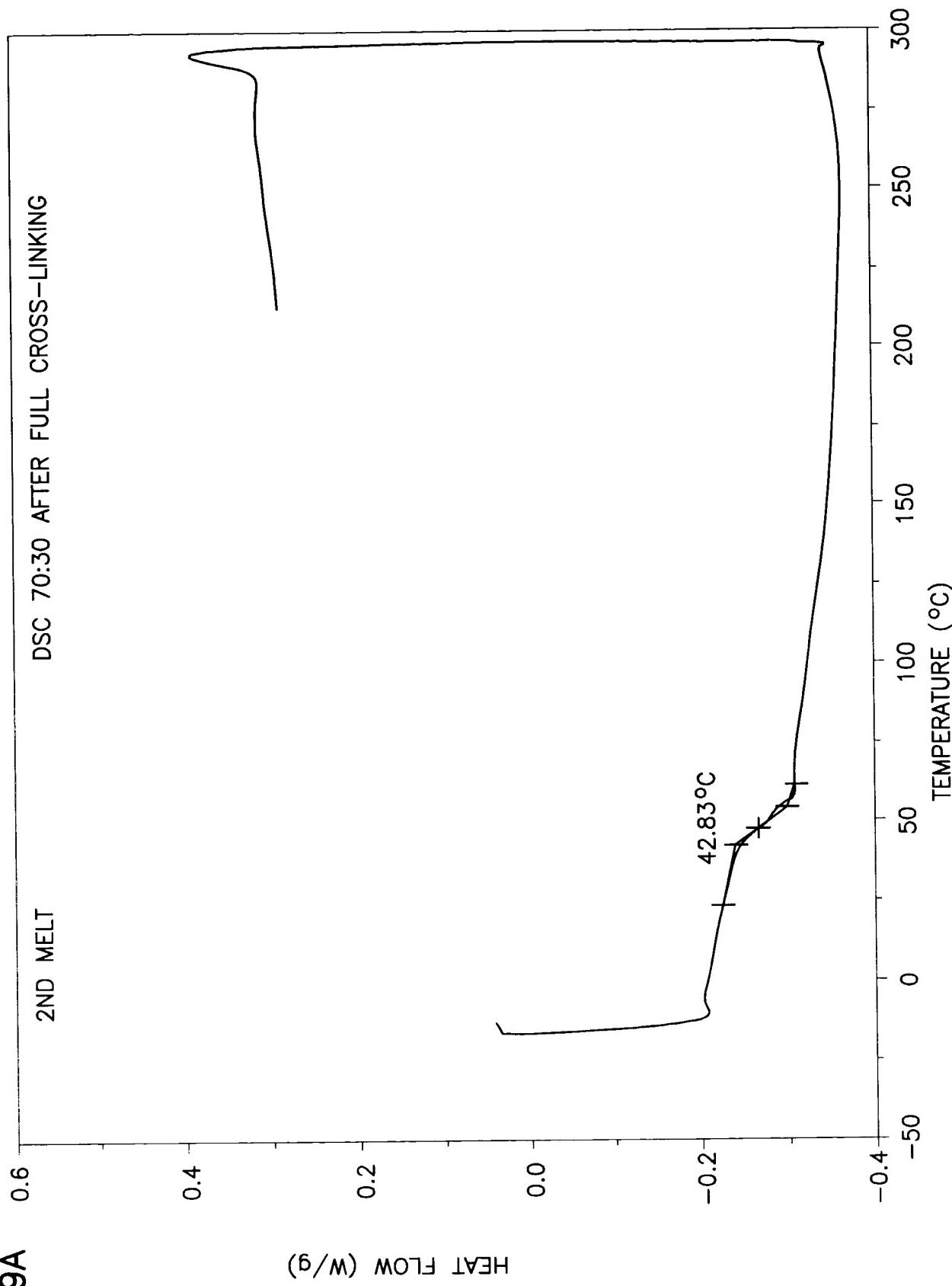


FIG. 19A



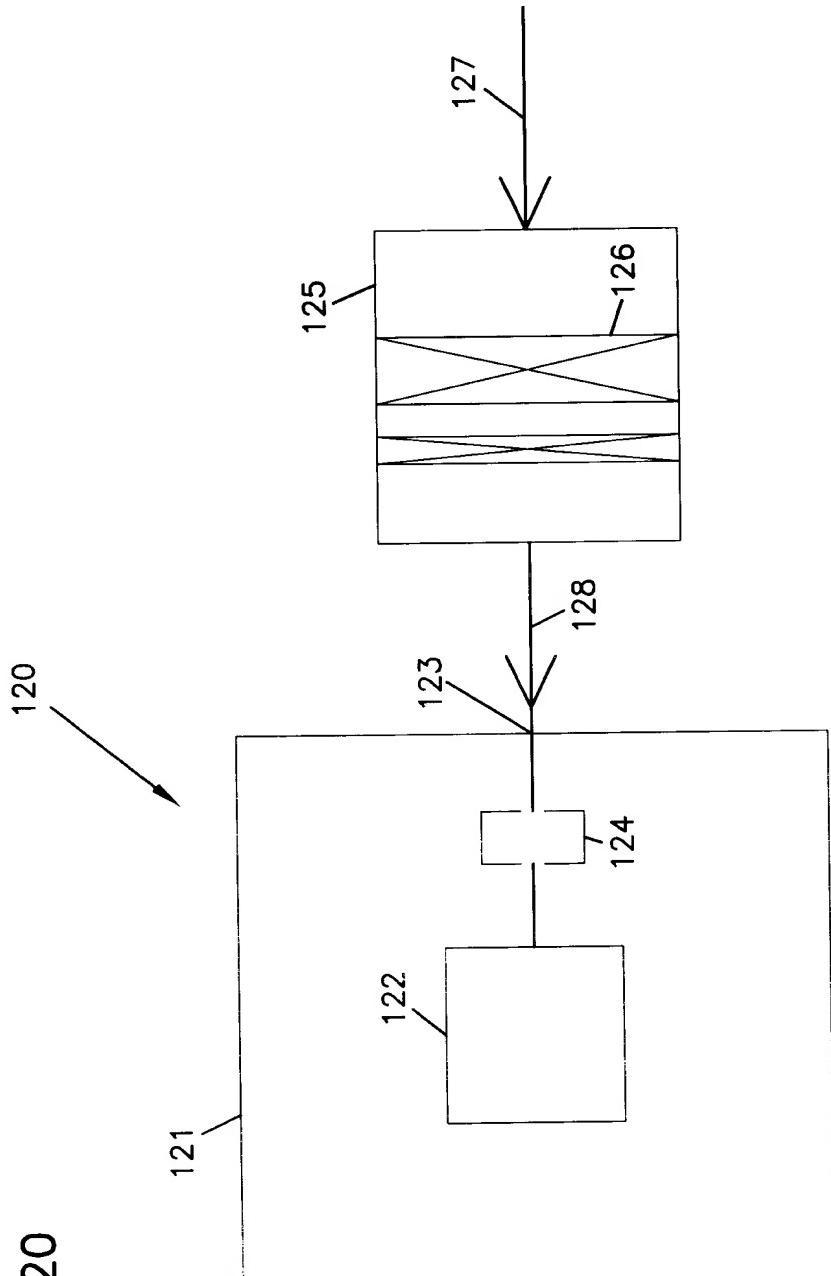


FIG.20

FIG.23

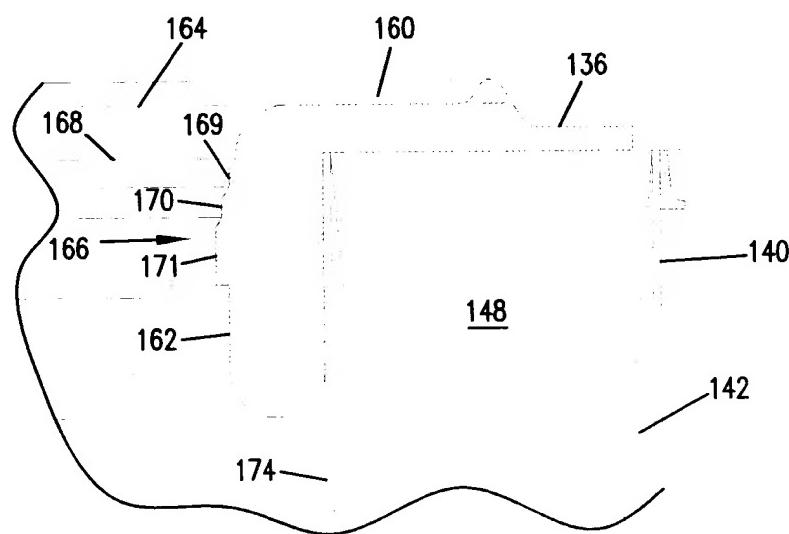


FIG.21

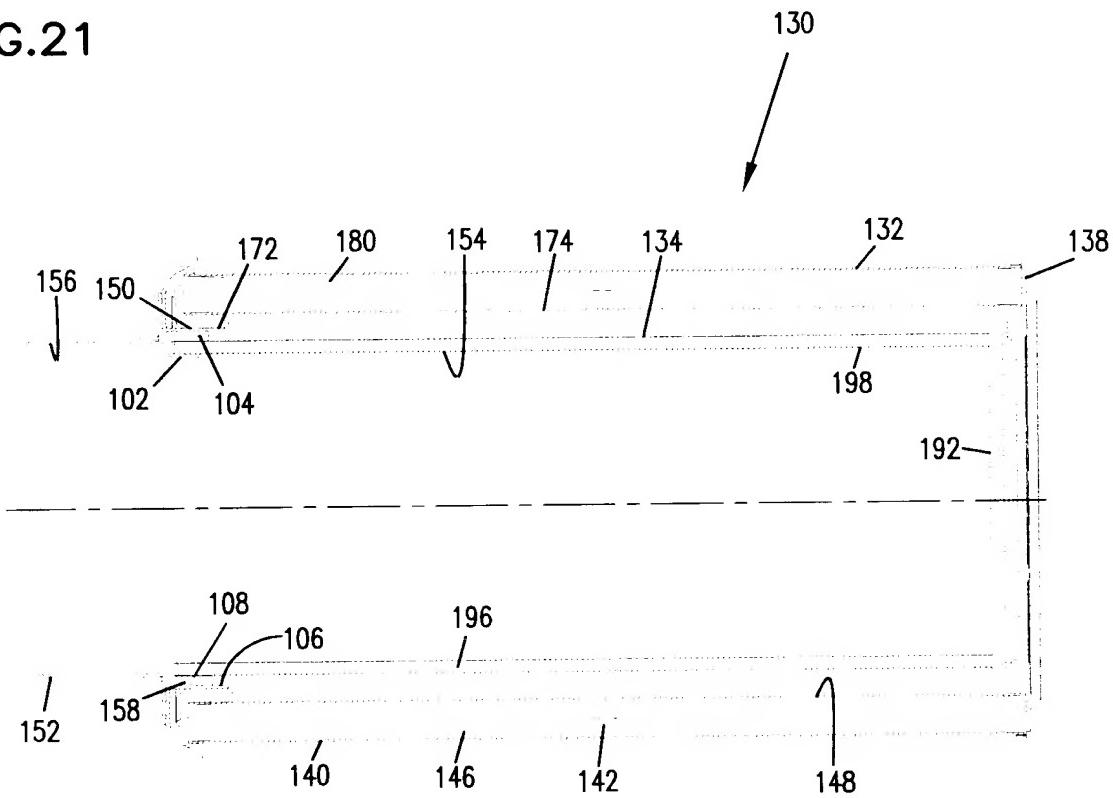


FIG.22

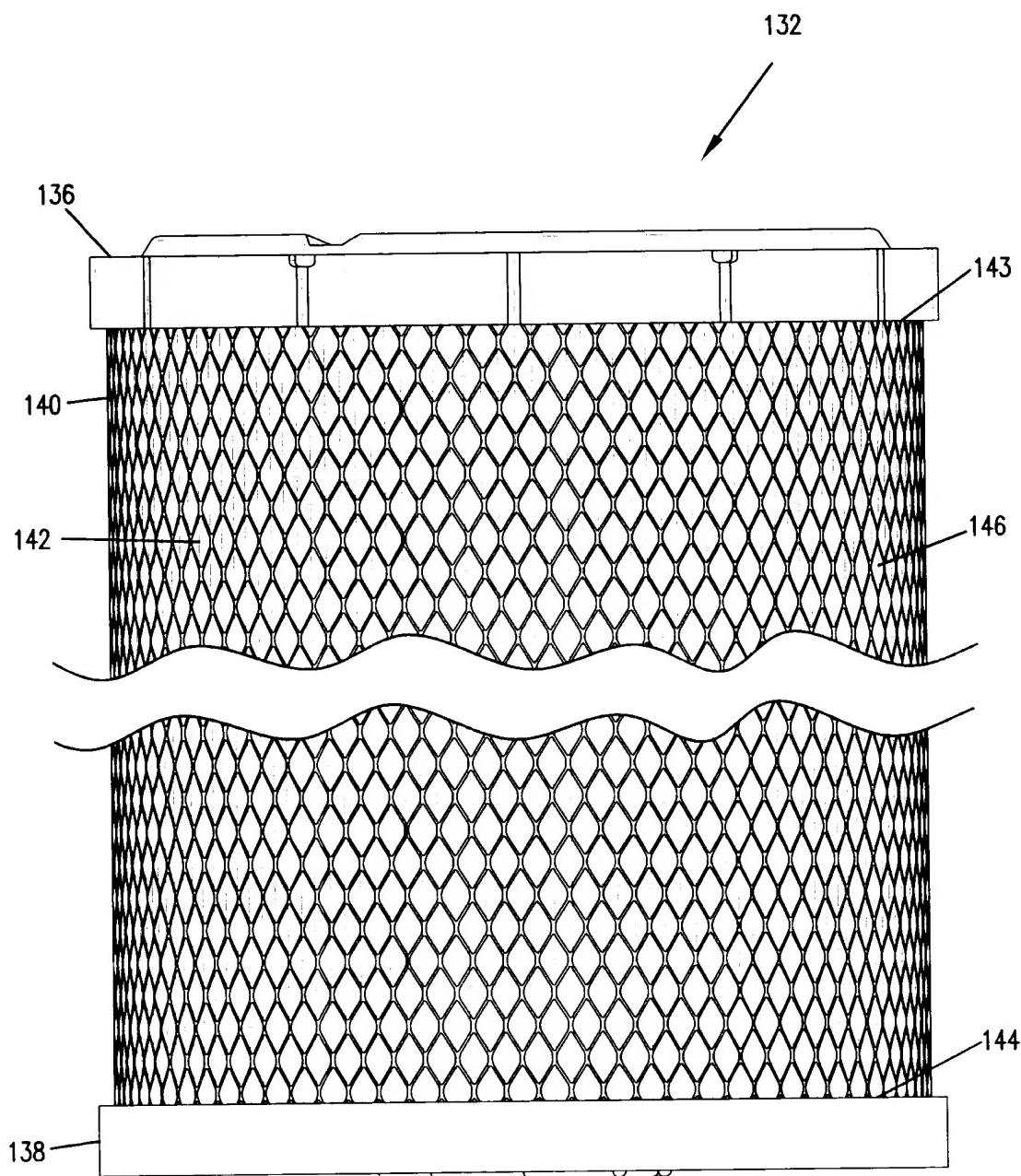


FIG.24

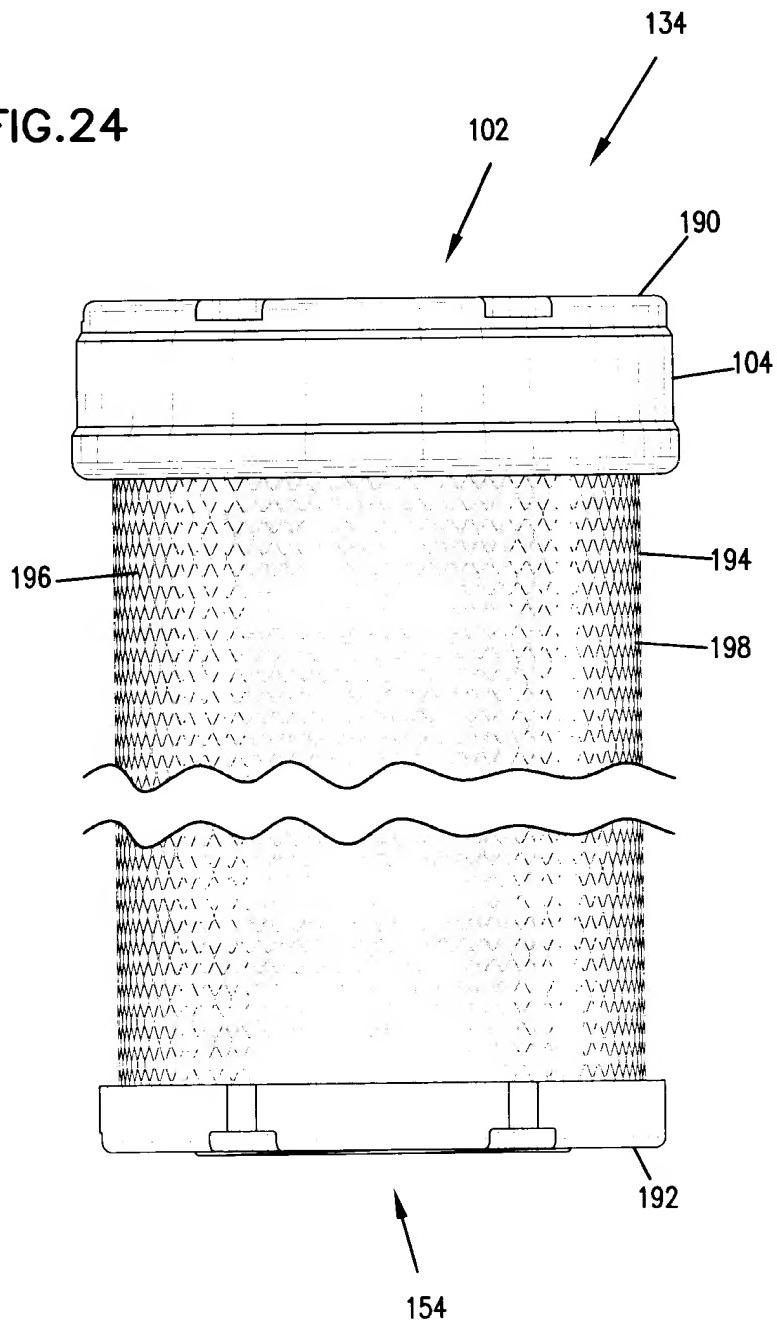


FIG.25

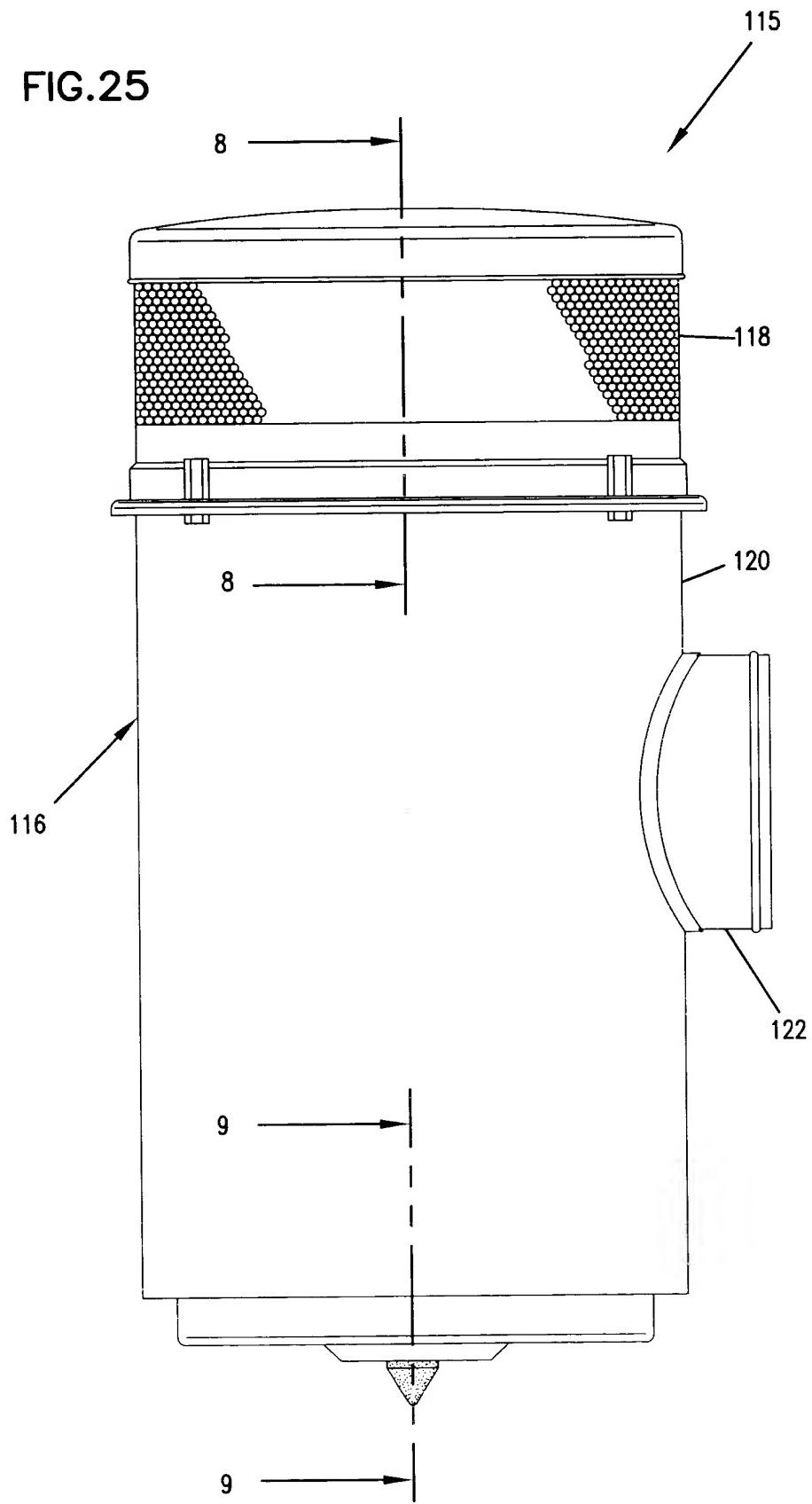


FIG. 26

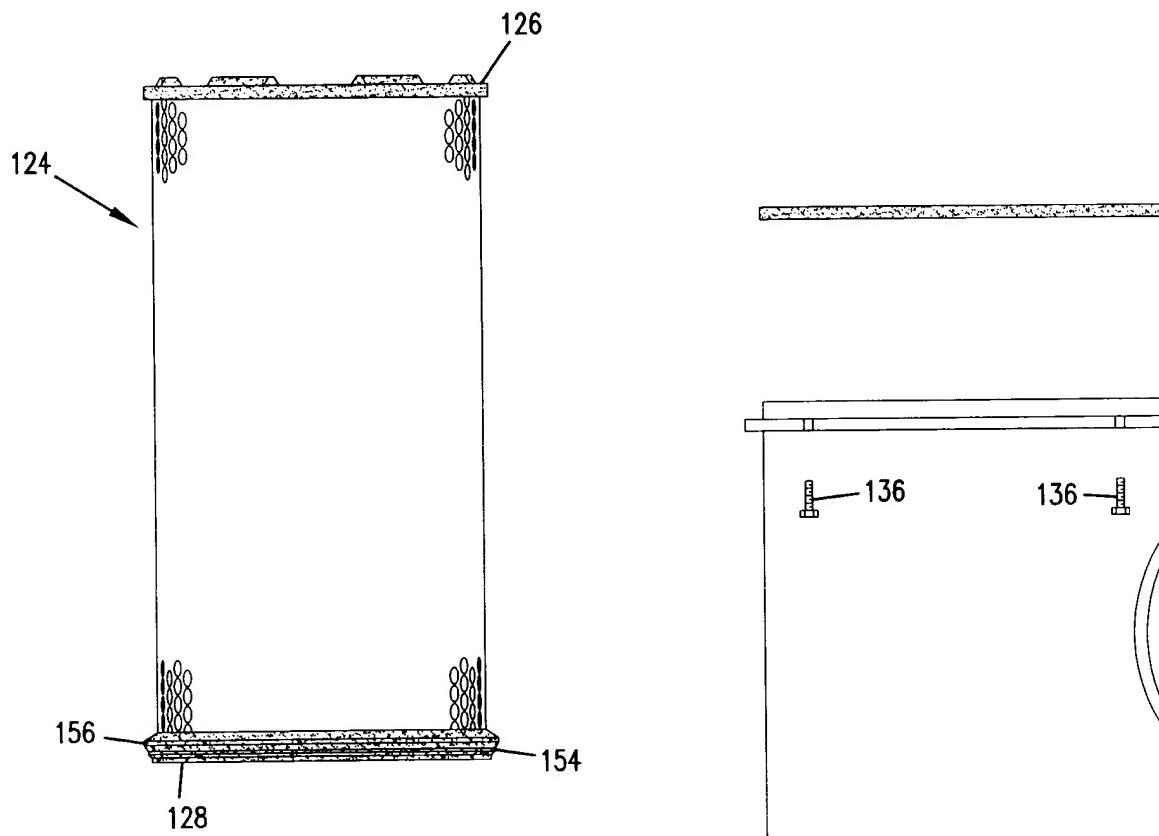
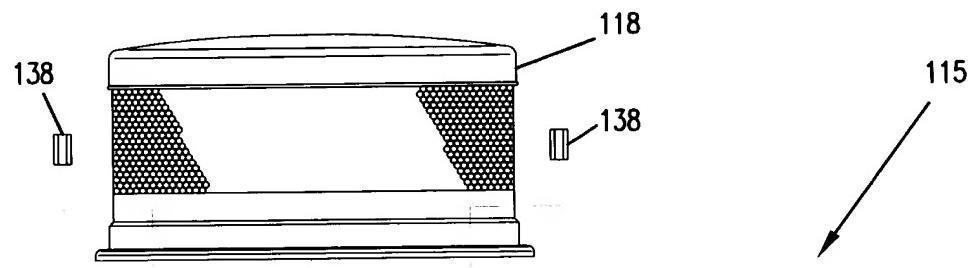
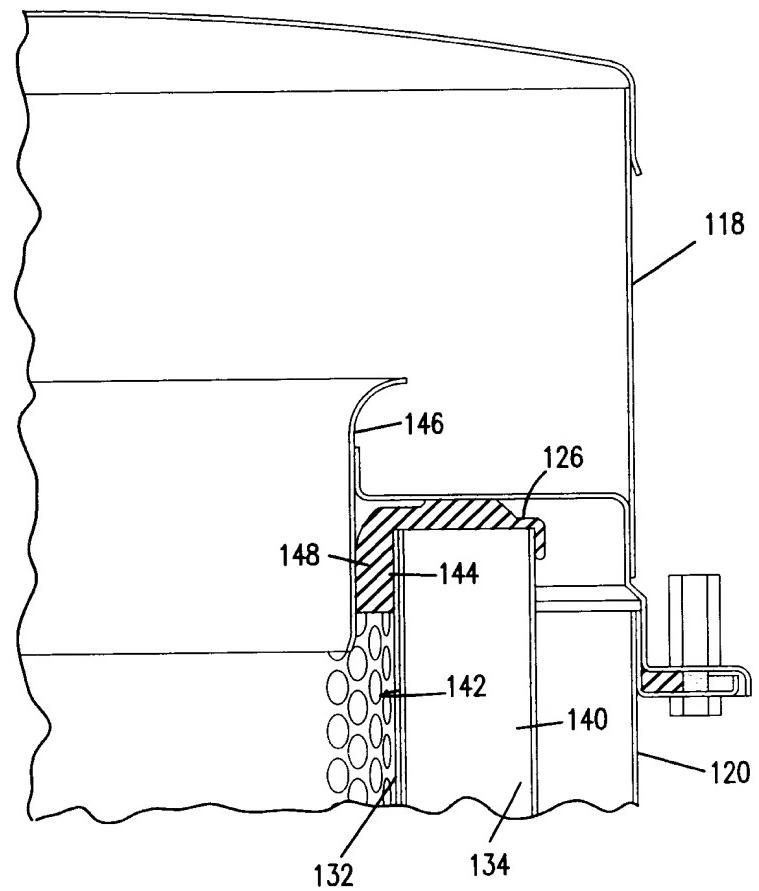


FIG.27



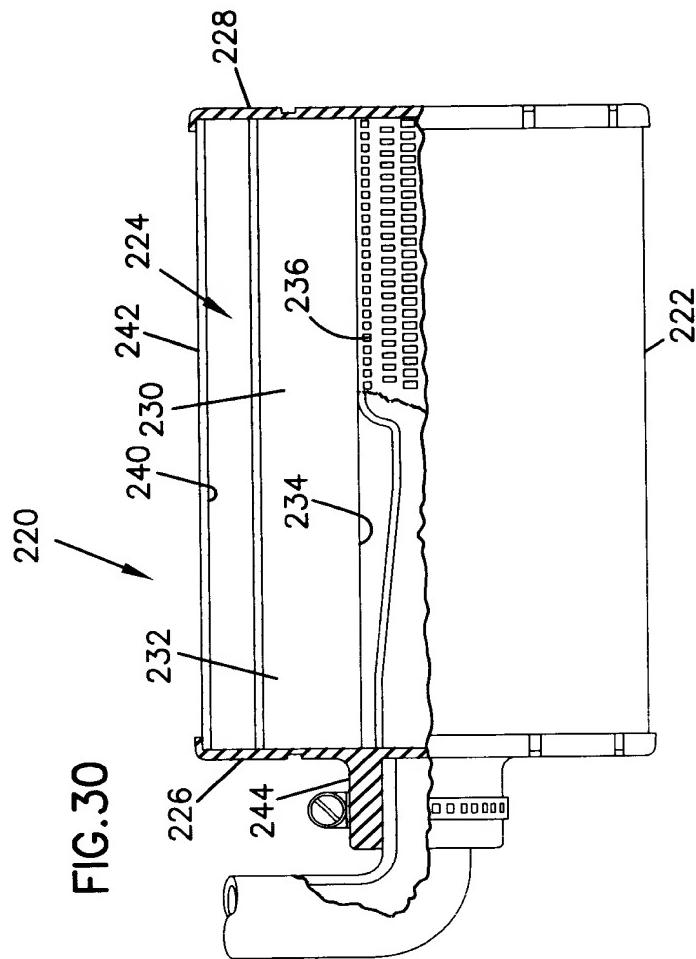


FIG.30

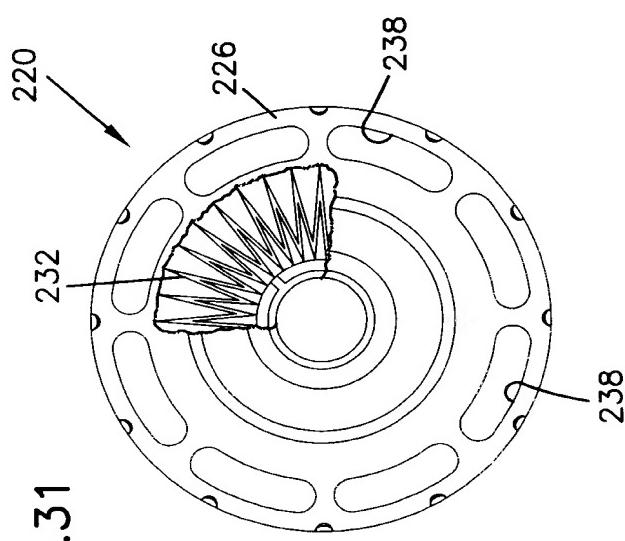
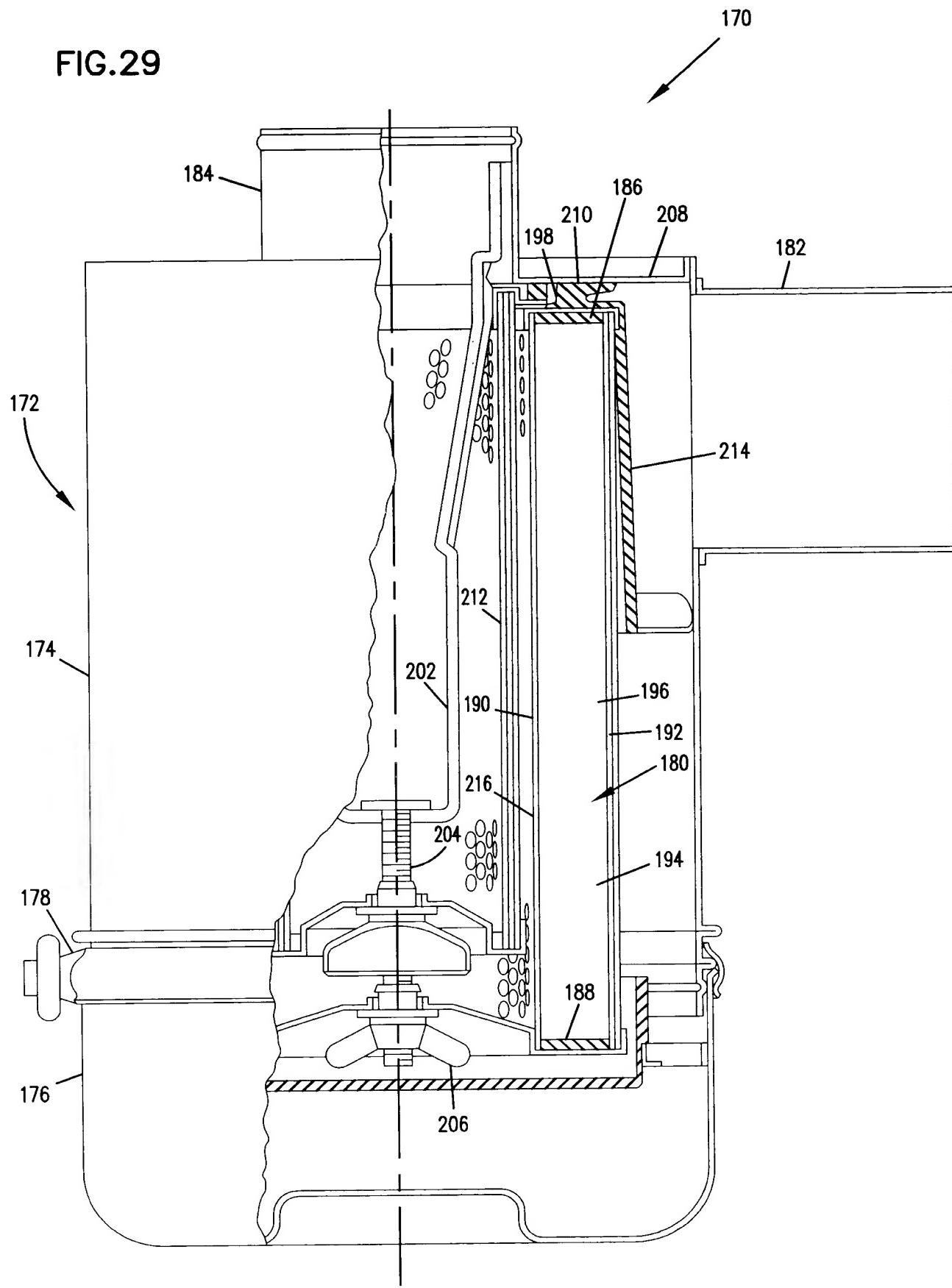


FIG.31

FIG. 29



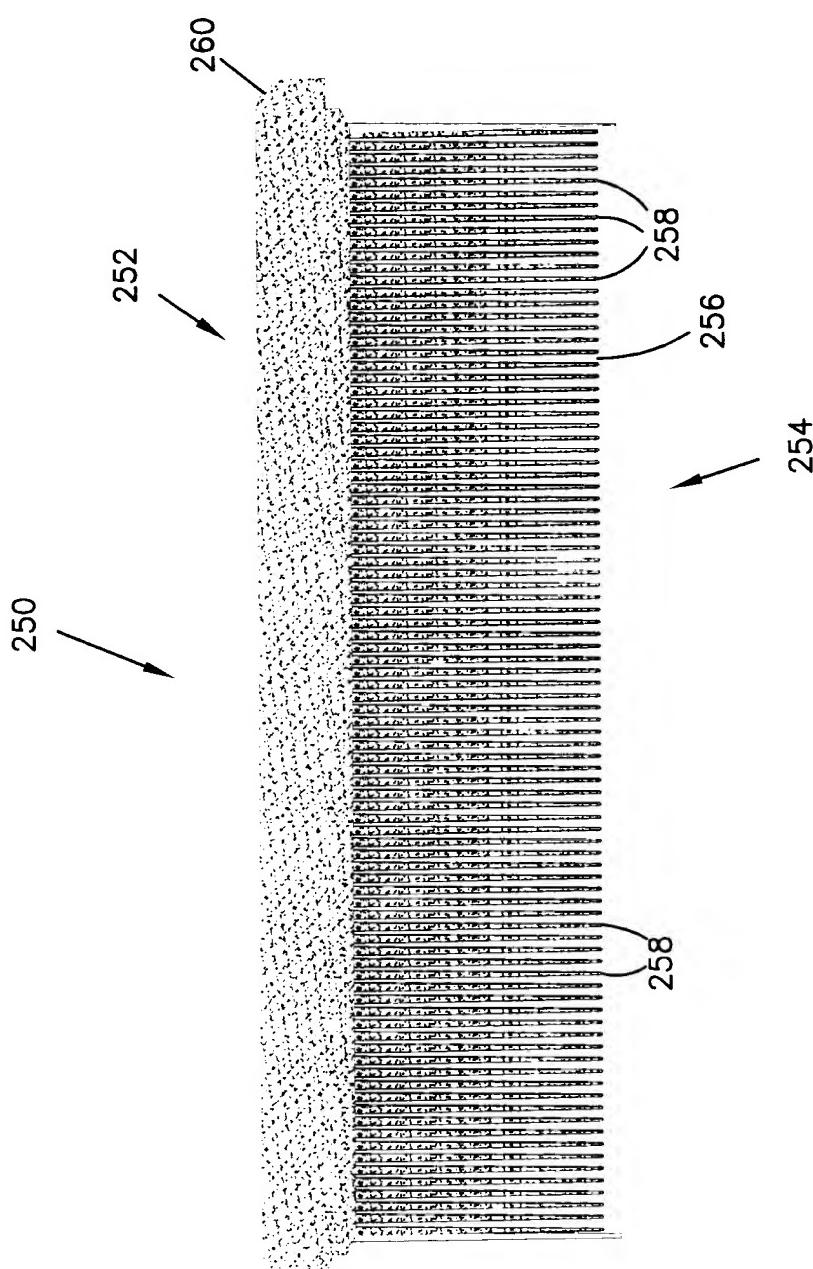


FIG.32

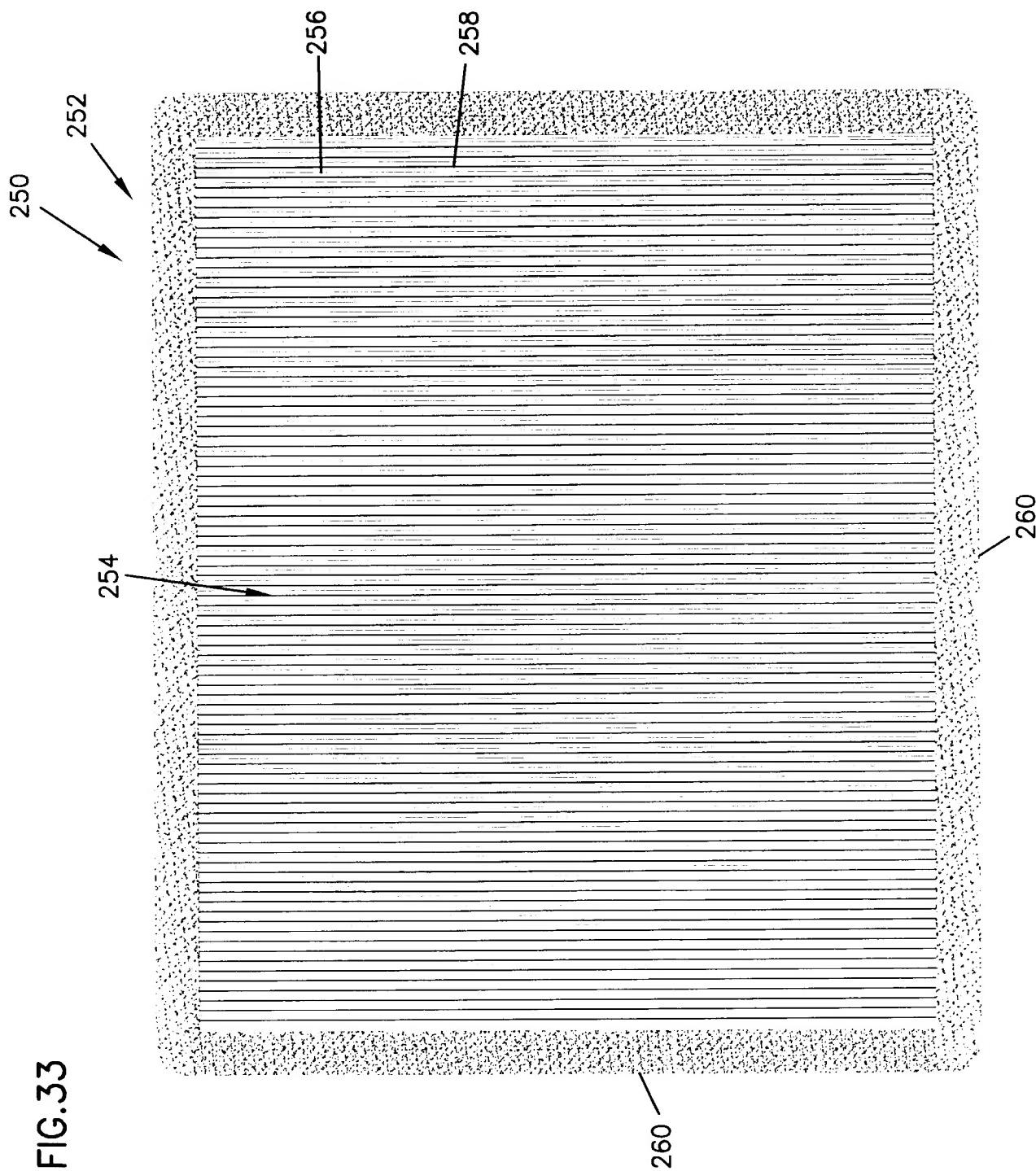
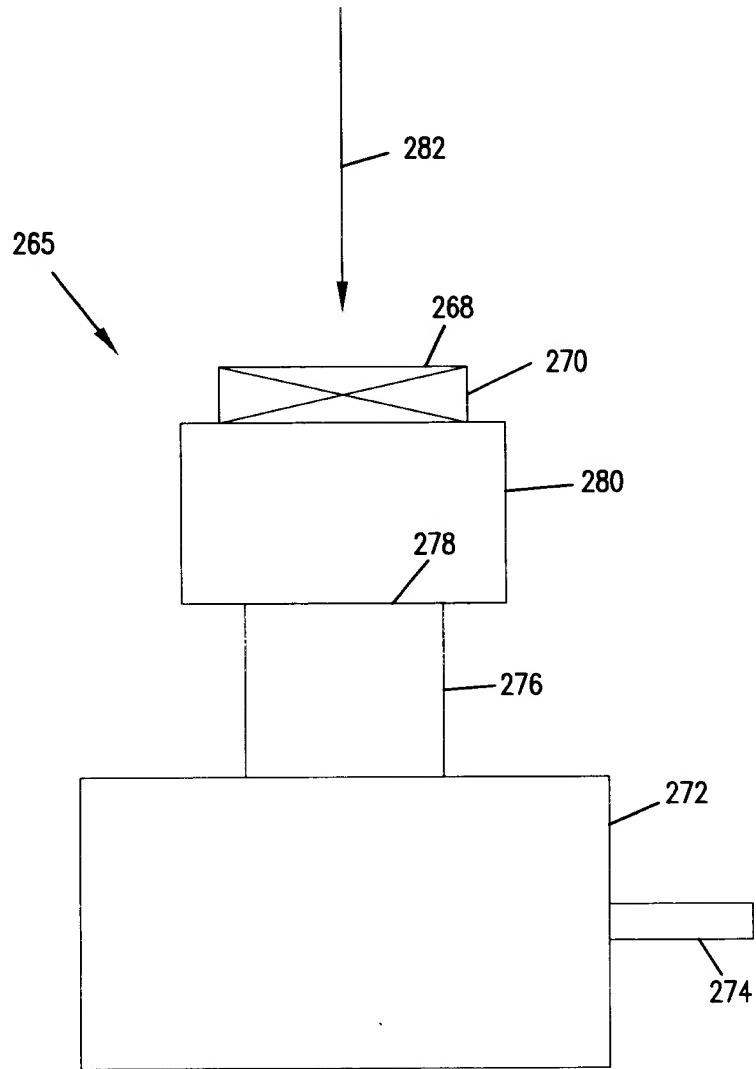


FIG. 33

FIG. 34



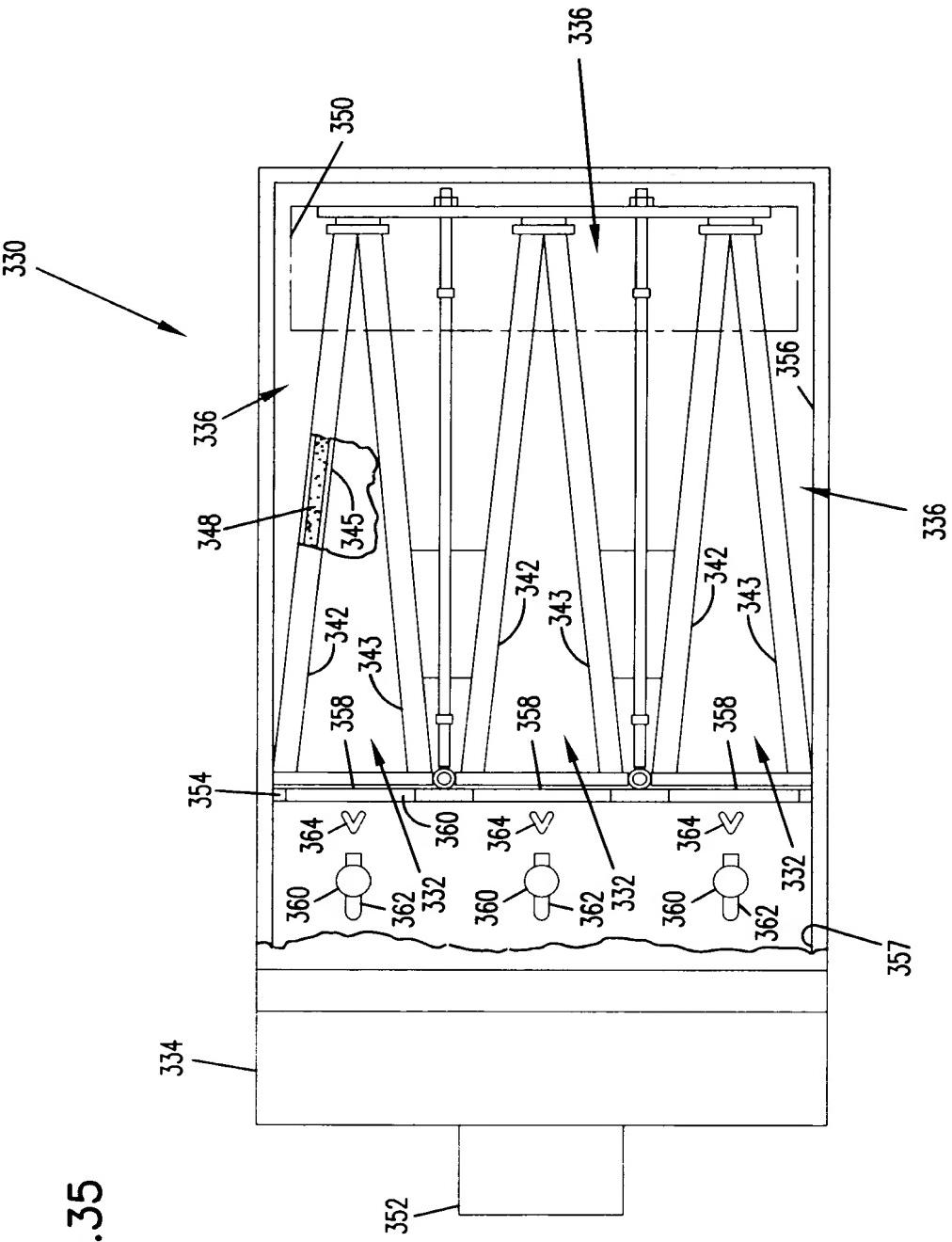


FIG. 35

FIG. 36

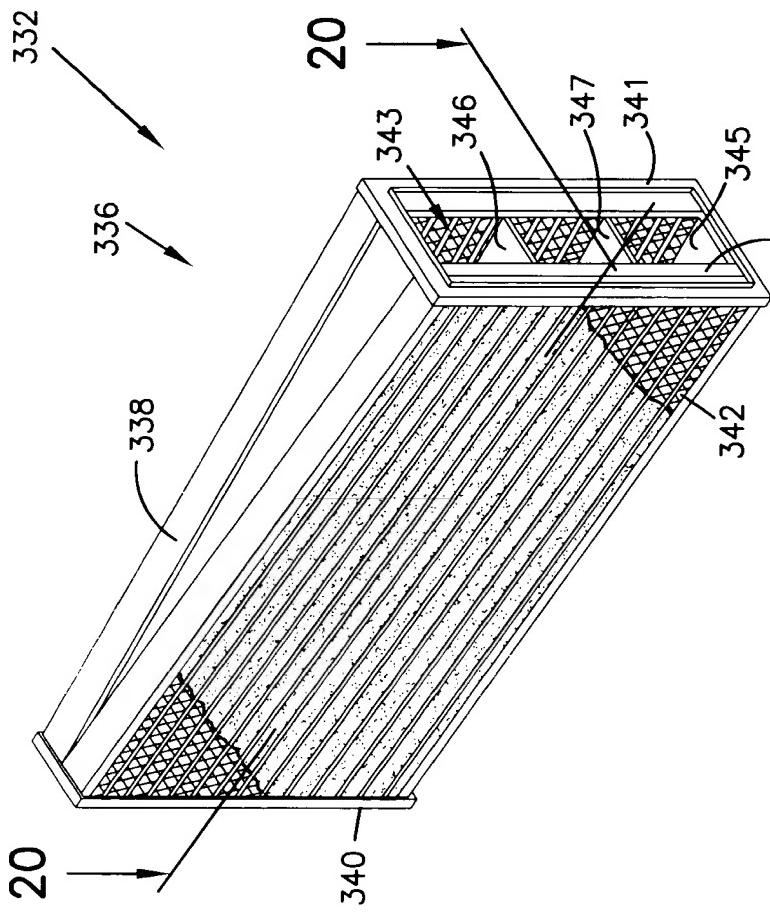
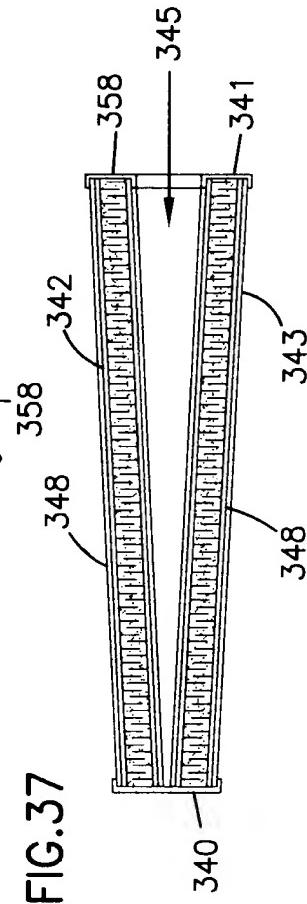


FIG. 37



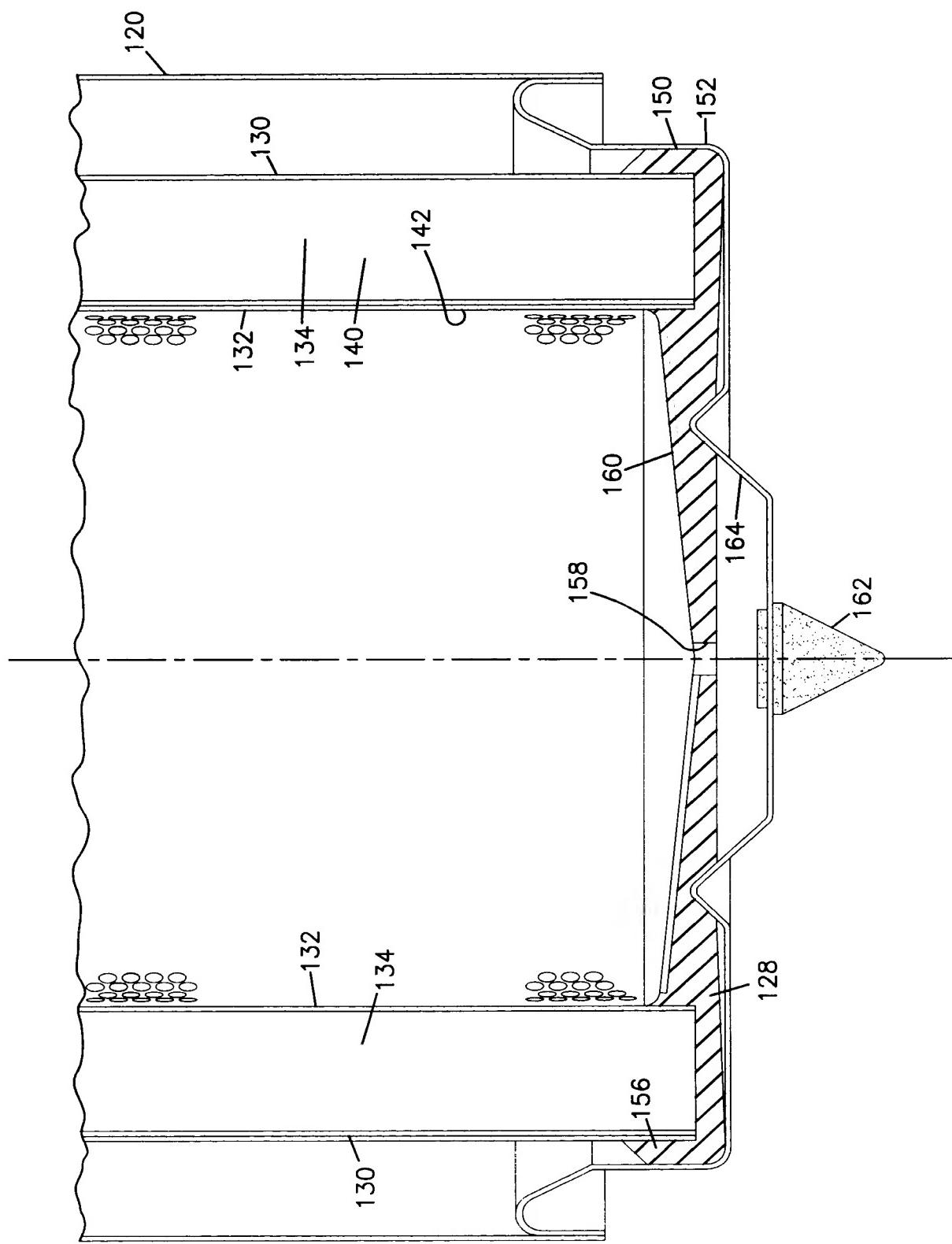


FIG.28